



NORTHWESTERN UNIVERSITY

One Hundred and Second Annual

COMMENCEMENT

MONDAY, JUNE 13, 1960

McGaw Memorial Hall, Evanston, Illinois

THE PLEDGE

Traditionally Taken by Northwestern Graduates
on Receiving Their Degrees

*With a solemn sense of my responsibility
I pledge myself*

TO HOLD MY DEGREE AS A SACRED TRUST,
WITH UNTARNISHED HONOR TO MYSELF,
IN GENEROUS LOYALTY TO ALMA MATER,
AND WITH FIDELITY TO MY COUNTRY,
MY FELLOW MEN, AND MY GOD.

THE PROGRAM

PROCESSIONAL

(Audience will please remain seated for the Student and Faculty Processional.)

THE NATIONAL ANTHEM

(The first stanza)

(Audience will please remain standing until the Invocation has been pronounced.)

INVOCATION

THE REVEREND JAMES C. MCLEOD
Dean of Students

ADDRESS

FREDERICK L. HOVDE
President, Purdue University

AWARDING OF DIPLOMAS AND CONFERRING OF DEGREES

JAMES ROSCOE MILLER
President of the University

ADMINISTERING THE OATH OF OFFICE TO CANDIDATES FOR COMMISSIONS

CAPTAIN RAYMOND J. TONER, UNITED STATES NAVY
Professor of Naval Science

CHARGE TO THE GRADUATING CLASS

The President of the University

CONFERRING OF HONORARY DEGREES

DELIVERY OF DIPLOMAS

The Deans of the Schools

THE UNIVERSITY HYMN

(Words to the University Hymn are printed inside the back cover.)

BENEDICTION

THE REVEREND RALPH G. DUNLOP
University Chaplain

RECESSIONAL

FACULTY RECESSIONAL *(Graduates and guests will please remain seated.)*

STUDENT RECESSIONAL *(Guests will please remain seated.)*

Parents and guests are respectfully requested to remain in their seats during the entire ceremony, including the period when diplomas are delivered. The aisles of the Hall must be kept clear at all times, and those who leave their seats before the close of the ceremony must leave the building immediately through the front lobby.



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THE HONORARY DEGREES

DOCTOR OF HUMANE LETTERS — PAUL HENRY LANG

Trained at the Royal Academy of Music in Budapest, at Heidelberg, at the University of Paris, and at Cornell University, he has for many years been Professor of Musicology at Columbia University. His professional attainments are shown by his election to a fellowship in the American Academy of Arts and Sciences, and to the presidency of the International Musicology Society. Among his colleagues he is best known for his scholarly *Music in Western Civilization*. This great learning he brings to the general public in a sprightly and readable form in the critiques on music which he contributes regularly to the *New York Herald Tribune*. Northwestern honors him for his performance in the dual role of scholar and critic.

Presented by Thor Johnson, Professor and Director of Orchestral Activities

DOCTOR OF LAWS — HUGHSTON MAYNARD MCBAIN

For the past thirty-five years one of Chicago's most dynamic citizens, he has played an ever increasing part in the commercial, philanthropic, and cultural life of the community. His guiding hand is discernible in the fortunes of some of our central enterprises—Marshall Field and Company, of which he was the chief executive for fifteen years, the First National Bank of Chicago, and the Illinois Bell Telephone Company, of both of which he is a director. By serving as a Northwestern Associate and as First Vice-President of the Natural History Museum he helps to promote the cause of education. And as President of the Children's Memorial Hospital he makes an invaluable contribution to the public welfare.

Presented by Gerald A. Sivage, Trustee of Northwestern University

DOCTOR OF SCIENCE — HARRISON ALLEN STORMS, JR.

A Northwestern Bachelor of Science in the class of 1938, he is recognized as one of the nation's outstanding aeronautical engineers. In the development of fighting planes for the army and the navy he has taken a leading part. Among his significant projects are the B70 Jet Supersonic Intercontinental Bomber, the X15 Rocket-Powered Space Ship, and the T39 Utility Jet Transport. He is a member of the Steering Committee for National Defense. By his contributions to his profession and to his country he has brought great credit to Northwestern, his alma mater.

Presented by Ali Cambel, Professor of Mechanical Engineering

DOCTOR OF FINE ARTS — AGNES GEORGE DEMILLE

In the art of the dance, for which certain other countries are traditionally acclaimed, she has demonstrated that an American, too, can excel. By her dance concerts in the United States, England, Denmark, and France; by her choreography in such productions as "Romeo and Juliet," "Oklahoma" and "Brigadoon"; and by her direction of numerous plays she has given to the ballet a distinctively American character. For her success she has won highest honors: the New York Critics Award (1943-44-45); the Donaldson Award (1943-44, 1945-47); the Perry Award (1947); and the Lord and Taylor Award (1947). She was voted Woman of the Year by the Women's Press Association in 1946. She is the author of *And Promenade Home* and *Dance to the Piper*. In conferring an honorary degree upon her, Northwestern recognizes distinction in a difficult profession.

Presented by Mrs. Carl I. Johnson, Trustee of Northwestern University

ONE HUNDRED AND SECOND COMMENCEMENT

DOCTOR OF SCIENCE — JAMES ALFRED VAN ALLEN

A pioneer in high altitude research with rockets, he has increased our understanding of the upper atmosphere. For the study of cosmic radiation he organized and led scientific expeditions to Peru (1949), the Gulf of Alaska (1950), and Greenland (1952). Since 1951 he has been Head of the Department of Physics, the State University of Iowa. In recognition of his services, the highest professional honors have been conferred upon him: the C. N. Hickman Medal for development of the Aerobee rocket, and the Physics Award by the Washington Academy of Science. He is the author of *Physics and Medicine of the Upper Atmosphere* and editor of *Scientific Uses of Earth Satellites*. A degree is granted him today because of his many additions to our knowledge, but more particularly because in outer space surrounding the earth he has discovered a belt of intense radiation that is now identified with his name.

Presented by Russell A. Fisher, Professor of Physics

DOCTOR OF LAWS — MAURICE HUBERT STANS

Since his student days at Northwestern (1925-28), he has risen by steady degrees to his present position as Director of the Bureau of the Budget of the United States Government. For this position he is eminently qualified by his training as a certified public accountant, by his directorships in many business corporations, by his services as Financial Consultant to the United States Postmaster General (1953-55), and by his experience as Deputy Postmaster General (1955-57). The American Institute of Certified Public Accountants and the American Accounting Association gave him a citation in 1954 for outstanding service. And the Institute of Certified Public Accountants in 1954 elected him its president. To the judgment of these bureaus and institutes Northwestern is delighted to give its confirmation, one more honor added to the many earned by its illustrious son.

Presented by Arthur R. Tebbutt, Professor of Statistics

DOCTOR OF LAWS — HARRY LUMM WELLS

Few of its alumni have served Northwestern so long, so devotedly, and so efficiently. For twenty-five years as Business Manager and Vice-President, he kept a vigilant eye on the University's multifarious interests. The many buildings erected during his term of office are in themselves a monument to his memory. Never busier than in his retirement, he has in the last few years as Chairman of the John Evans Club been as effective in raising funds as he was earlier in putting them to proper use. His services to Northwestern have been so numerous and so significant that they almost justify the application of Ralph Waldo Emerson's remark: "An institution is the lengthened shadow of one man."

Presented by Harold A. Smith, Trustee of Northwestern University

DOCTOR OF LAWS — FREDERICK LAWSON HOVDE

In his active and varied career he has made notable contributions in many fields. Beginning at the University of Minnesota and as a Rhodes Scholar at Oxford, he moved on through various administrative positions to the Presidency of Purdue University. During World War II he served, often as chairman, on numerous national scientific research commissions. More recently he has been consultant to the National War College, chairman of the Army Scientific Advisory Panel, and chairman of the State Department's Board of Foreign Scholarships. He has received the President's Medal for Merit, and the King's Medal for Service in the Cause of Freedom. Northwestern is proud to add its tribute to this eminent leader in scientific research and university administration.

Presented by Payson S. Wild, Vice-President and Dean of Faculties of Northwestern University

THE DEGREES IN COURSE

The appearance of a name on this list is presumptive evidence of graduation
but is not to be regarded as conclusive.

THE COLLEGE OF LIBERAL ARTS

Candidates Presented by DEAN SIMEON E. LELAND

BACHELOR OF ARTS

Lydia McGraw Ackley
Julia Louise Ade
Jane Louise Allen
Robert Cameron Allin
Gay Raymond Anderson
Warren Edgar Anderson
Sue Anne Baldus
Suzanne Barber
Stephen Albert Bard
Elizabeth Mitchell Barker
Sarah Elisabeth Barr
Richard Isaac Barrett
Sylvia Louise Barrett
Marilyn Joyce Bartsch
Lydia Josephine Bartush
Bruce Allan Baumrucker
Barbara Ann Beatty
Carolyn Mary Behrhorst
Dolores Ann Bell
John Clarke Belland
Paul Philip Bestock
Lawrence Arn Bjork
Robert Jay Bloom
Leonore Sylvia Blum
Felicia Anne Boillot
Lawrence Joseph Boller
Robert Hadley BonDurant
Ted Jay Born
Linda Borden Bowman
Robert Peterson Boyd
Charlotte Mary Boysen
Alaric Marshall Bray
Margaret Elaine Brickner
Carole Diane Browe
Bruce Edward Brown, Jr.
Robert Haines Brown
James Eugene Brownell
Eleanor Anne Bruce
Martha Thomas Buckingham
Gilaine Andrea Budzien
Jenny St. John Burke
Margaret Brook Burket
Dean Ronald Burrell
Thomas Cadman Calkins
Stephen David Canaday

Dorothy Linnea Carter
John Wilson Cary
Gloria Ann Cassens
Donald Lloyd Chaney
Clarence Chew Bong Chang
Jane Chesley
Susan Merle Chudacoff
Dorothy Sue Cohn
John Harvey Cole
Marilyn Antoinette Collins
Michael Charles Collopy
Frank Fowler Conlon
Eugene Mark Cooper
LeRoy William Cooper, Jr.
David Danforth Corbett
Suzanne Corlett
Robert Lee Crawford
Constance Leonore Cryer
John David Cummins
Bruce Cutler
John Francis Daley
Timothy George Dalton, Jr.
Walter Fossum Davidson
Barbara Jean Davis
Ronald Royce Dawe
Joseph Peter DeLaney
James Boggess de Maine
Janice Marie DeWeirdt
Marshall Joseph Dickerson
Reynolds Edwin Dodson
Evelyn Dorin
Roy Rene Douglas
Cecilia Cleveland DuBose
Barbara Joyce Duckers
Robert Westcott Durant
Merrietta Mae Eden
Carolyn Kaoru Joyce Enari
Joelyn Mae Erazmus
Selma Holland Erving
Mary Artemis Evans
Thomas Edwin Feare
Melvyn Joel Feinberg
Carole Louise Fetcho
Thomas Whitson Fetter
Patricia Mae Field

ONE HUNDRED AND SECOND COMMENCEMENT

Lucy Tyson Fitzhugh
 Adele Forrest
 Madeleine Delia Forszt
 Joan Foster
 Patricia Carpenter Frank
 Mary Ann Freel
 Sarann Friedman
 Catherine Anna Smith Froman
 Judith Florence Frost
 Kenneth Keiji Fujii
 Rosemary Ann Garrison
 James Peter Gianukos
 Judith Marion Gibson
 Gretchen Mary Giese
 Mark Gilden
 Robert Elmer Gold
 Shayna Janet Goldberg
 Bernard Zak Gore
 Sandra Sue Goudy
 Carl Richard Granquist, Jr.
 Brigita Monica Gratzner
 Richard Curtis Groll
 Peter Marshall Grounds
 John Herbert Growdon
 James Francis Gunnell, Jr.
 Jack Guthman
 Jo Carol Guthrie
 Royce Clement Haddad
 Marshall Randall Hall
 Diana Kathleen Hamlin
 Carencay Coker Hanel
 Fredric Alan Harris
 Joann Buckley Hartley
 Edgar Shiley Harvey, Jr.
 Phyllis Getschman Hastings
 Donald Wayne Hauger
 Michael Dean Hays
 Richard Donald Heiser
 Myrna Resnik Helfand
 Gwenith Ann Heuss
 William LaGoulet Hickman
 Judith Mae Hidding
 David Burnham Hill
 James Lewis Hill
 Linda Angela Hill
 Ursula Elsie Hinsenkamp
 Robert Alan Hoad
 Redmond Prindiville Hogan III
 Carol Ann Hooper
 Ross Robbel Hopkins
 Barry David Horwitz
 Thomas Ivan Hutcheson, Jr.
 Robert Norman Hyland
 Rosemary Irmis
 Michiko Itahara
 Norman Labe Jacobson
 Henry Arthur Jacobsohn
 Donald Joseph Jeffrey
 James Christen Jensen
 Charles Colton Johnson
 Harry Thomas Johnson III
 Harald Ludwig Kaffenberger
 Richard Alan Kaiser

Donald Robert Kaplan
 Michael Joseph Kaplan
 Johanna Bliss Karsten
 Ranon Gedalia Katzoff
 Peter Melville Keim
 Dora Lynne Kellogg
 Robert James Kew
 Martha King
 Ronald Michael Kirshbaum
 Vera Louise Kitzelman
 Anne Louise Knoblock
 Charles Herbert Koehler
 William David Korte
 Leona Breit Kraus
 Richard Samuel Kronenberg
 Nancy Jane Kuttler
 Richard Henry Larson
 Lynne Ellen Lavgorna
 Michele Mathews Leber
 Jay Martin Lebowitz
 Nancy Ann Leck
 Winifred Lehman
 Barbara Deborah Lehrman
 John Frederick Lemker, Jr.
 William Augustus Lemley
 Allan Bertram Levin
 Myrl Annette Lichtenwalter
 Richard Jerry Licko
 Frank James Liska
 Robert Kung-Shan Liu
 Elsbeth Anna Loeppert
 Lawrence David Lowenthal
 Walter Frank Lucansky
 Elizabeth Harriet Lyon
 Frederick Joseph Madura
 John Franklin Magee
 John William Magnuson, Jr.
 Sandra Janet Mahler
 Elizabeth Sue Maisel
 Fred Manaster
 Gloria Maryanne Manlong
 Lois Gregory Martens
 Alice Lynne Martin
 James Ellison Maser
 Carol Jean Mateski
 Beverley Lyn Matthews
 Robert Henry Mazac
 Molly Cecilia McClellan
 Miriam Catherine McCormack
 Louis Arthur Metz III
 Alida Carter Meyer
 Mildred Ellen Meyer
 Vicki Rosemary Meyers
 Kay Andrea Mikkelsen
 Harvey Sanford Millman
 Paula Hudis Mintz
 Martha Jeannine Mohl
 Helen Susan Momsen
 Margaret Elizabeth Monroe
 William Benjamin Moore, Jr.
 Paul Edward Morris
 Diana Dee Mullett
 Alice Elizabeth Murdoch

NORTHWESTERN UNIVERSITY

Lynn Miles Naeckel
 Donald Charles Nagel
 Martha Kikuyo Nakao
 Janet Arlene Needham
 Carl Raymond Neidert
 Nancy Elizabeth Neir
 Diane Marilyn Nelson
 Emory Russell Nelson
 Kenneth Frank Nelson
 William Marcus Newberry, Jr.
 Nancy Anne Nichols
 Carol Ruth Norling
 Mary Dayle Novak
 William Patrick O'Kelley
 Laurence Elmer Oliphant III
 Donald Robert Orr
 Margaret Sue Osborn
 William Herman Oswald
 Caryn Jean Outcalt
 Gwen Mary Palmeri
 Frank Charles Palumbo
 Robert Charles Papp
 John Ernest Parzakonis
 Selwyn Sid Paskowitz
 Mary Marcia Paul
 Leslia Augusta Pelton
 Harold Thomas Perkins
 John Hayward Perrill
 Nancy Janice Persons
 Elaine Barbara Phillips
 Janis Gale Podoloff
 Angeline Polites
 Ronald Henry Porzak
 William Frederick Praast
 Cynthia Hull Pribble
 Suzanne Ella Pristow
 Barbara Roberts Probst
 Jean Foltz Ramseier
 Keith Frederick Ratcliff
 John Loudon Reid
 Henry Bernard Reiling
 Susan Diane Reisch
 Marjorie Steele Richards
 George Adelbert Richardson, Jr.
 Ralph Lincoln Richardson
 Peggy Ann Richiardi
 Constance Riemer
 Sandra Pierce Riordan
 Ronald Gordon Robins
 William Croft Robinson
 Karen Lorraine Rockel
 Norma Lee Gienger Rodgers
 Donald Rodkin
 Barbara Rae Rosenberg
 Ronald Rosenbloom
 Doris Gail Rosenfeldt
 Allan Michael Ross
 Jack Louis Rozran
 David Isaac Rubin
 Elaine Jane Rusin
 Donald Julius Ryniecki
 Don Eino Ryoti
 Carl Michael Sabol

Joel Gerald Sacks
 John Warren Safarik
 Paul Zane Sakol
 Jean Anne Sander
 Mary Anne Sophia Santavy
 Thomas Anthony Sawyer
 Barbara Soldmann Schadt
 William George Schaefer
 Russell Clarence Schallert
 Susanne Schilling
 Marlene Leigh Schlusemeyer
 Judith Kay Schoenberg
 Jacqueline Marie Schroeder
 Howard Louis Schuele
 Andrea Mullenbach Schultz
 Constance Dorothy Schwab
 Susan Scott
 Sharon Lynn Scovill
 Norma Schneider Searle
 May Loeb Sebel
 Howard Roe Sharlach
 Elaine Elizabeth Sheehan
 James Edward Sheriff
 Jill Shoemaker
 William Frederick Shriver
 Polly Sidford
 Susan Roberta Silver
 Richard Raskin Simon
 Donald Dean Skinner
 Robert George Slack
 James Richard Slater
 Charles Kent Smith
 Mark Richard Smith
 Constance Mary Smoley
 Carol Sue Snyder
 Janice Lorna Soffen
 William Joseph Sonzski, Jr.
 Tove Jeanette Sorensen
 Carolyn Putnam Sperry
 Steven Howard Star
 Mary Janice Stauffacher
 Richard Owen Steffen
 Carolyn Cook Steffens
 Carl Knottwell Stehman
 Joan Rae Steiner
 Charles Stepkin
 Philip David Stewart
 Philip Wayne Stichter
 Laurence Eric Stone
 Harvey Nicholas Stover, Jr.
 Jacqueline Dene Strunk
 Katherine Minerva Stults
 David Cranston Stuntzner
 Anne Marie Susen
 John Hagood Swanson
 David Vernon Sweet
 Mary Virginia Sykes
 Melvin Hiroynki Takaki
 John Samuel Taradash
 Kenneth William Taylor
 Daveda Joyce Tenenbaum
 Mary Jean Tenney
 Patricia Frances Theisen

ONE HUNDRED AND SECOND COMMENCEMENT

Carole Crile Thomas
 John Stephen Thornborrow
 Margaret Tompkins
 Sara Jane Torrison
 Joanne Babette Tourville
 Margaret Louise Troy
 Sue Ellen Ungerleider
 Elizabeth Marie Urbanowski
 Donald Emil Vacin
 Sue Marie Valentine
 James Webb Wagner, Jr.
 Patricia Rae Walker
 Barbara Louise Wallace
 Margery Ann Weaver
 Robert Andrew Wehr
 Marianne Virginia Werner

Martha Graham West
 Mary Elizabeth Whitten Westphal
 Todd Ellis Wexman
 Guy Sherman Wheeler
 Margot Adrian Wilhelm
 Cynthia Anne Willis
 Rebecca Elliott Willis
 Richard Ewald Winkelman
 Helen Cynthia Wolfe
 Mary Eleanor Wolfe
 Lawrence Joseph Wolff
 William Deming Wolter
 Scott William Wood
 Christian Dennis Wunsch
 Margaret Beard Ylvisaker
 Jerri Jean Ziegenhein

BACHELOR OF PHILOSOPHY

Thorbjorn Rosenberg Amundsen
 William Mason Bamborough
 Edward W. Bilinski
 Erma Helene Binder
 Robert G. Boe
 Rosemary Brunst
 Stanley G. Ciesla
 Jules B. Cohen
 Frieda Maria Cornelius
 Robert F. Dreher
 Fern Leithardt Farmer
 Marion Ferkull
 Lila Harriet Friedman
 Donald Ivan Griffin
 Mariellen Ohms Grigg
 Agnes E. Harte
 David C. Heffner
 William George Holzberger
 Eleanor E. Howell
 Bruce W. Hubbard, Jr.
 Martin Alexander Karan
 Constance B. King
 Dorothy A. Klaub
 Lucille A. Kleppel
 Nellie F. Klimaytis
 Georgene Lambros
 Alice Mae Lessick
 Frank Joseph Lukes
 George Edward MacDonald
 Robert W. Malmstrom

Joseph Charles McCauley
 Ann-Eve McDonald
 Erskine Claudius Moore
 John Bruce Morgan
 Carol Ann Mudra
 Jiei Nakama
 Sophia Papadopoulos
 Fred R. Paul, Jr.
 Kenneth Petersen
 William Pilar
 Dragutin Rajkovich
 Gordon Aiken Ramsay III
 Fred J. Rice, Jr.
 Erwin Warren Rohrer
 Dorothy Pruden Saxton
 Ludmila Sgarlata
 John Andrew Sitek
 Emily J. Slezak
 Berry Katherine Smetko
 Lillian Dick Smith
 Margaret G. Stanley
 Joseph J. Sterkowicz
 James Edward Sykes
 John Jose Tintiangco
 Kenneth Dale Towers
 Helen Trbovich
 Glenn Warren Wagner
 Leonard A. Wisper
 Roman Worobec
 Alphonse A. Zukas

BACHELOR OF SCIENCE IN GENERAL EDUCATION

Marion Steele Miller

Sylvia Sigrid Stromgren

THE SCHOOL OF MEDICINE

Candidates Presented by DEAN RICHARD H. YOUNG

DOCTOR OF MEDICINE

Edward Alan Alexander
Michael Stibb Anderson
Courtney LeRoy Anthony, Jr.
Maurice Barancik
James Faris Bellenger
Paul Bennett II
Ira Joseph Bernstein
Earl Richard Berry
Jack Marvin Bettenhausen
Kent Atkins Blakeslee, Jr.
Philip Joseph Bohnert
Kent Francis Borkovec
Sandra Fenster Box
John Hayes Boyles, Jr.
Earl Franklin Bracker
Thomas William Braun
Karl Hefty Brenner, Jr.
Richard William Dickenson Bryan
Frederick Newton Bussey II
Anne Patricia Butler
Robert Glen Byers
Richard William Campbell
Donald Sherwood Chamberlain
Edward Eugene Christensen
Paul Contorer
Christopher Ambrose Curran
Stuart Henry Danovitch
Robert Merrill Derman
William Wallace Douglas
Ronald Ward Dunbar
Paul Ray Eggum
John Charles Erickson
Thomas John Fiene
John Kin Fong
Warren William Furey
Robert Henry Gale
Melvin Vernon Gerbie
Fred Albert Gill
Bruce Collins Gilliland
Edward Light Goldblatt
Estherann Fink Grayzel
Wesley Henry Gregor
James Hinshaw Grissom
Donald Frank Hajek
Ira Stephen Halper
Andrew Martin Hegre, Jr.
Alfred Robert Hofmann
Marsh Hanford Holt
Dean Murray Hunter
Roger Allen Hurwitz
Robert Phillip Imbernino
Avram Abba Jacobson
Herbert Simon Johnson
Robert Vincent Johnson
Kenneth Graham Kassebaum

Gerald Michael Kenny
Gerald Bryon Kessler
John Henry Knelson
Karl Monroe Koons, Jr.
Eugene Steven Kostiuk
Koson Kuroda
Howard Leon Lang
Karl Larsen
Kenneth Edgar Lewis
Richard John Lewis
Joseph Victor Libretti
Robert Edward Linden
Henry Stern Loeb
Stewart Arvid Lofdahl, Jr.
Arthur Joel Lurie
John Ekstrom Lusche
Richard Earl Marks
John Funston Marquardt
Bernard Dale Martin
Robert Salvatore Martino
Philip Raymond McGuire, Jr.
James Lloyd Meltzer
Allen Irwin Mittelpunkt
Jack H. Modjallal
Christopher Jennings Moller
Allen Irving Morgenroth
Alan Don Morris
James Milton Mueller
Charles LaDell Nagel
Leonard Howard Naiman
*Albert Dallas Newcomer
Herbert Berle Niestat
Bruce Whiteman Parker
*Donald Lee Parker
Donald Lee Pedersen
William Edward Pierson
William Kenneth Platt
Norman Lawrence Potesman
Barry Michael Ramer
Cyril Marcus Ramer
Jacob Benjamin Redekop
Henry Herman Roenigk, Jr.
Robert Lee Rosenfield
Theodore Carl Rozema
Jerry Richard Salan
Robert Basil Scheidt
William Bernard Scholton
Nancy Lee Schriver
David Keith Selby
Ronald Arthur Semerdjian
Michael Hugo Serio, Jr.
Ralph Masayuki Shishido
Melvin James Simonson
John Wallace Smiley
Harlan Mark Smith

**With Distinction*

ONE HUNDRED AND SECOND COMMENCEMENT

William Scott Smith
Thomas Gail Soper
Marshall Stuart Sparberg
Walter Leonard Sperling
Phillip Gerald Spiegel
Elsie Enns Steelberg
William Edward Steinke
Darold Andrew Stuebner
Lawrence Stuart Sturman
Sidney Earl Thompson
William Moore Thompson

Sheldon Jerome Thorrens
Victor Nicholas Tsaloff
Karl Frederick Voegtlin
Fred Bacon Walker II
Stephen Burtis Webster
Ronald Carl Winslow
Joseph Donald Winterhalter
John Chetwick Zeiss
Kenneth Johnson Zubrick
S. Marshall Zucker

BACHELOR OF SCIENCE IN MEDICINE

William Michael Bennett
Michael Angelo Florio
John Patrick Gartland
Carl Henry Kjobeck
Lawrence Klein
Lawrence Paul Laughlin
Bruce Adolph Merz
David Homer Munger

Judith Lynne Nichols
William Edwards Powers, Jr.
Stephen Lee Propeck
Thomas Edward Schwark
Emanuel Semerad III
William Van Ronkel Shellow
Charles Alfred Terhune, Jr.
Martin Gay White

BACHELOR OF SCIENCE IN NURSING

Patricia Anable
Jane Marie Anderson
Judith Horner Archdale
Linda Rhoades Baumgartner
Alice Sarah Beer
Diane Ellen Benko
Lorraine Shirley Bernklau
Janet Kay Ashley Bowen
Sally Joan Brandenburg
Frances Ellen Chambers
Karen Lysbeth Atkinson Ciske
Donna Lee Dale
Jane Claire Descourouez
Isobel Brownlee Duncan
Barbara Ann Eggert
Sherrie Joan Ogg Erickson
Carol Jane Fetta
Winifred Funk
Doris Vinita Helm
Marilyn Heuser
Jane Marie Hollister
Phyllis Jean Holmes
Helen Roehm Honath
Mara Lynne Ann Hultgren

Kenlynn Elsie Johnson
Ruth Van Kampen
Ruth Terese Landt Kingdon
Susanna Ryman Knodt
Gay Joan Seversike Lindquist
Doris Ann Markel
Barbara Jane Martie
Sallie June McElroy
Margaret Jane Meiners
Judith Raye Morey
Justine Schuyler Frazier Nagel
Dorothy Lois Kocher Porter
Carol Marion Rawlinson
Karen Shaw Hegburg Robison
Marion N. Roth
Carol Jeanne Schlacks
Caroline Louise Scott
Clarice June Sentman
Suzanne Esther Fick Smith
Elizabeth Gay Snowhook
Patricia Ann Stewart
Barbara Jeanne VanCura
Sally Ann Vellenga
Carol Jean Zakoff

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Bohdana Renata Zukowsky

BACHELOR OF SCIENCE IN PHYSICAL THERAPY

Ulysses Alphonzo Buggs, Jr.
Roberta Sue Ellingson
Patricia Louise Gilmore
Harold Arthur Karnuth, Jr.

Janet Louise Knudsen
Mary Pat O'Connor
Barbara Ann Poole

NORTHWESTERN UNIVERSITY

THE SCHOOL OF LAW

Candidates Presented by DEAN JOHN RITCHIE III

MASTER OF LAWS

Luigi Boselli, Degree in Law, Naples University, 1958.
Charles Ensign Brant, B.A., University of Dayton, 1952; LL.B., Ohio State University, 1959.
Harry George Holz, B.S., Marquette University, 1956; LL.B., 1958.

JURIS DOCTOR

William Eugene Adams	Ted Alvin Korshak
Harper Brady Atherton	Stanislaus Thaddeus Kuser, Jr.
Donald Kent Basta	Frederick Hulett Laas
Matthew James Beemsterboer	Roger Lewis
Carole Kamin Bellows	Ernest L. Marx
William Douglas Carstedt	Michael Irwin Miller
Robert Allan Coe	Nan Courtney Miller
Edmond Lee Cohn	Robert Henderson Miller
Joseph Milton de La Van	Bertram Lawrence Miner
Walter William Denby	Lee Alexander Monroe
George Richard Donahue, Jr.	Edward Uihlein Notz
Edward Martin Einhorn	Herbert John O'Meara
Logan D. Fitch, Jr.	John F. O'Meara
Richard Banta Fitzgerald	Boris Michael Orlyn
Richard Newell Flint	Constantine Peter Pappas
Plato Chris Foufas	Robert Wallace Patterson
William Michael Garvey	Melvin Edward Pearl
Carl Eugene Givens	Jerry Michael Reinsdorf
Glenn Greenwood	Sidney Robin
Thomas Francis Haider	Ronald White Ruther
William Francis Hanrahan	Robert Francis Savio
H. Reed Harris	Clement Francis Springer, Jr.
Robert Fred Hatch	Allan Gerald Sweig
Marvin Sheldon Helfand	Joseph Winter Townsend, Jr.
James Edmund Higgins	Sherwin Miles Winer
Larry Jay Hochberg	Thomas Jordan Young
Herbert Allen Karzen	Norman Edward Zimmerman
Karen Jill Knoblock	

BACHELOR OF LAWS

Howard Ira Bass	Edwin Bruce Mishkin
Richard Jay Carmel	Alan Joshua Scheffres
Britton Anthony Davis	Sanford Edward Takiff
Norman Warren Fishman	Vernon Burdette Thomas, Jr.
Morris Allen Levy	

BACHELOR OF SCIENCE IN LAW

Lawrence Donald Daks	Seymour Taxman
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THE SCHOOL OF DENTISTRY

Candidates Presented by DEAN GEORGE W. TEUSCHER

DOCTOR OF DENTAL SURGERY

Kenneth R. Anderson
James Duane Ashman
George Ralph Bailey
Paul Crandall Bennion
Jacob Leigh Beveridge
Thomas Lee Bruck
David John Carruth
Howard Powers Cassada
Clarence C. B. Chang
Duane James Cibock
Earl Sears Condie
Weldon Walter Crompton
Edward Adams Dalton
Robert William Daniels
Thomas Marshall Darden
James Robert Dougherty
Jack Clark Eblin
Marvin Fineman
Fremont Fong
Jack Lewis Gleason
Harold Daniel Green
Charles Kent Hitchcock
Gary Leonard Johnson
Marvin Joseph Katz
Melvin Keith Knight
Daniel Joseph Krenzel

Neil Martin Larson
Lyn LeCavalier
Paul A. Lyga, Jr.
Bernard Charles Marker
Ralph B. Maw
Robert Edward McFerran
Charles Robert Munns
Herbert Alva Nessmith
Michael Allen Nisbet
Boris Arnold Novak
Marshall Ira Rothstein
Lowell Edward Rugg
John Gloor Scambler
John Parry Sanders
John Richard Small
Robert Morton Smith
Phillip Harold Spencer
James Kyle Tebbs
Jacques Albert Terramorsi
Kent C. Thompson
Arnold K. Tichian
H. Wayne Todd
Terence Edward Toner
John Vernon Waddle
Charles Bates Wills, Jr.
Wallace Eugene Wright

NORTHWESTERN UNIVERSITY

THE SCHOOL OF MUSIC

Candidates Presented by DEAN GEORGE HOWERTON

MASTER OF MUSIC

Douglas Daniels Ashley, B.M., Northwestern University, 1959.
Catholine Mary Chihara, B.A., Seattle University, 1957.
Jerry Compton, B.M., Northwestern University, 1959.
Stephen Le Roy Farrow, B.M., Northwestern University, 1959.
Joseph James Frantik, Jr., B.M.E., Northwestern University, 1959.
Donald Vohs Grettie, B.M.E., Cosmopolitan School of Music, 1956.
Wesley Luther Hanson, B.M.E., Northwestern University, 1959.
Daniel Lehman Hinderman, B.A., University of Washington, 1951.
Samuel Edwards Jackson, B.M., Howard University, 1959.
Paul Peter Jankowski, Jr., B.M.E., Chicago Musical College, 1953.
Maxine Ann Killeaney, B.A., Augustana College (Sioux Falls, South Dakota), 1955.
Jack Bahwell King, B.A., Iowa State Teachers College, 1956.
Robert David Klein, B.S. in Ed., Northern State Teachers College, 1955.
Karl Franz Kuss, B.M., American Conservatory of Music, 1956.
Barbara Eileen Maslow, B.M., Northwestern University, 1959.
Lowell Eugene May, B.M., Bradley University, 1959.
Irene Coddington McDonald, B.M., Northwestern University, 1956.
Don Emmett Minaglia, B.M.E., Northwestern University, 1956.
Bruce Norbert Morrison, B.M.E., Northwestern University, 1959.
Ralph Daniel Mutchler, B.S., North Dakota Agricultural College, 1951; B.M.E., Northwestern University, 1959.
William Donald Olive, B.M.E., Northwestern University, 1955.
William Joseph Patnaud, B.A., Iowa State Teachers College, 1959.
Natalie Janis Pearson, B.S., Northern State Teachers College, 1959.
Henry Bennett Penix, Jr., B.M., Northwestern University, 1956.
Anna Kathryn Petrashek, A.B., Whitman College, 1959.
Harold Theodore Rohlfing, B.M.E., Northwestern University, 1956.
John Alexander Salkowski, B.M.E., Northwestern University, 1959.
Mabeth Louise Saure, B.A., Augsburg College, 1958.
James Pierce Scamman, Jr., B.M.E., Central Missouri State College, 1959.
Thomas Lewis Schwartz, B.M.E., Northwestern University, 1959.
Hugh Michael Skarry, B.M., Northwestern University, 1959.
Edward John Stevens, B.M.E., Northwestern University, 1959.
Robert Eugene Wade, B.M.E., The Municipal University of Wichita, 1959.
Erich Welling, B.A., Northwestern University, 1955.
Ferdinand DeLeon Williams, II, B.M., Northwestern University, 1959.
Philip Emerson Wyse, B.A., Denison University, 1959.
George Louis Yingst, B.M.E., Bradley University, 1959.

BACHELOR OF MUSIC

Randolph Early Coleman
Camille Yvonne Crunelle
Kay Griffel
Charles David Harris
Thomas Gilbert Harris

Brian Morris Minor
Alice Ann Schoeller
Sandra Louise Sizer
Ralph James Votapek
Carol Kuhlber Wright

ONE HUNDRED AND SECOND COMMENCEMENT

BACHELOR OF MUSIC EDUCATION

Ruth Stucky Abram	Norman Henry Jansen
John Russell Baird	Edna Reva Jaracz
Carol Virginia Bane	Barbara Jean Johnson
Dennis Lee Bowen	Larry Gene Kirgan
Janet Lea Brazier	Constance Joan Kovach
Russell Irving Burleigh	Elizabeth Louise Lane
Carla Lou Cave	Martin Eldon Le Beau
George Robert Chancellor	Guinevere Rey Mabunay
Miriam Elaine Cross	Denis Carmen Moreen
Patricia Elder Densford	Beverly Ann Mower
Luther Norman Didrickson	Katherine Anne Pence
Yarden Baruch Faden	Stephen John Platko
Donna Joanne Gavin	Dean Howard Sayles
Frances Emsley Geho	John Joseph Soukup
Miriam Shanes Gerber	Doris May Nielsen Šporidis
Martha Eugenie Gilman	Ascher Mark Temkin
Judith Carolyn Goodwin	Lawrence Harold Walters
Valerie Ann Groves	Frederick Philip Warner
Rita Kay Tinkle Hellon	Cecil Barley Wilson
Robert Phillip Holmes	Mary Anne Zack

THE SCHOOL OF BUSINESS

Candidates Presented by DEAN RICHARD DONHAM

MASTER OF BUSINESS ADMINISTRATION

Jagdish Singh Anand, B.S., Birla College of Science and Commerce (India), 1957.
John Leonard Anderson, B.S. in Chemical Engineering, Northwestern University, 1951.
Ralph L. Arnheim, Jr., B.S. in Economics, University of Pennsylvania, 1956.
Bruce Wetmore Beaven, B.A., Amherst College, 1955.
Edward Francis Bell, Jr., B.S. (Electrical Engineering), University of Illinois, 1951.
Gerald Robert Bennett, B.S.B.A., Northwestern University, 1956.
Armando B. Bito, Bachelor of Laws, University of the Philippines (Philippines), 1955; B.S.C., Far Eastern University (Philippines), 1957.
Velma Marie Bland, B.S. (Management and Marketing), University of Illinois, 1950.
Herbert Clay Blutenthal III, A.B., Oberlin College, 1958.
Barton Stone Bolton, B.A., Wesleyan University, 1958.
Theodore Allen Bosler, B.A., Denison University, 1956.
John J. Brausch, B.A. in Bus. Admin., Lake Forest College, 1950.
Charles Alfred Brickman, B.A., Denison University, 1954.
George Albert Broberg, B.S. in Business, Macalester College, 1952.
Newman Raymond Brown, B.S., Rutgers University, 1958.
Robert Andrew Bryer, B.S.E., Princeton University, 1958.
Harold Frederick Burgart, B.S. (Mechanical Engineering), University of Illinois, 1948.
Rudolf Carl, S.B. in Chemical Engineering, Massachusetts Institute of Technology, 1947; S.M. in Chemical Engineering Practice, 1948.
William Vincent Carroll, B.S., Saint Peter's College, 1954.
William Hillyer Clemons, B.S.B.A., Northwestern University, 1956.
Roger Thomas Cole, B.S.E., Princeton University, 1958.
James Dale Cook, A.B., Hope College, 1958.
Arnold John Curry, B.A., Northwestern University, 1955.

NORTHWESTERN UNIVERSITY

Craig Haynes Curtiss, B.S.M.E., Stanford University, 1958.
 Joseph Michael Cvangros, A.B., Washington University, 1955.
 Lewis Lee Dail, B.A., Dartmouth College, 1956.
 William Edward Dasch, B.S., University of Maryland, 1950.
 Dorothy Everman Demmy, B.S., Indiana University, 1943.
 Charles Wampler Denny III, B.A., Wesleyan University, 1958.
 Julian Marvin Freedman, A.B., Bates College, 1958.
 James Joseph Frodin, B.A., Beloit College, 1958.
 Michael Morrison Galbraith, B.S.Ch.E., Worcester Polytechnic Institute, 1958.
 Robert Todd George, B.A., Northwestern University, 1958.
 Richard Francis Giovanucci, B.S., Boston College, 1958.
 Richard Martin Glass, A.B., Bates College, 1958.
 Edward David Graham, B.S. (Mechanical Engineering), University of Illinois, 1948.
 Arthur Lawrence Green, B.M., Northwestern University, 1948; M.Mus., 1949.
 Robert Emmett Griffin, B.S.Mech.E., University of Notre Dame, 1957.
 David Frederick Grohne, B.S.(C.E.), University of Colorado, 1958.
 Russell Earl Gunsaulis, B.S.B.A., Northwestern University, 1955.
 John Morrow Hellgeth, B.S. in Chemical Engineering, Northwestern University, 1949.
 Raymond Daniel Heilpern, B.A., Miami University, 1958.
 Frank Frederick Hirschman, B.A., DePauw University, 1958.
 Marvin Jerome Hoffen, B.S.B.A., Northwestern University, 1953.
 Robert Alfred Holzbach, B.S. in Mech. Eng., Purdue University, 1958.
 John Robert Hosty, B.S. in Bus. Ad., Marquette University, 1953.
 Thomas William Hoya, A.B., Harvard University, 1953; J.D., University of Michigan, 1958.
 James Atkinson Humphrey, B.S.Gen.E., Iowa State College, 1955.
 Samuel Clay Hurley III, B.A., Brown University, 1958.
 Ernest Bernard Jaski, B.S.B.A., Northwestern University, 1955.
 Douglas Clark Jerger, B.S.B.A., Northwestern University, 1959.
 Ralph William Jindrich, B.S.M.E., Purdue University, 1949; B.S. Chemical Engineering, Illinois Institute of Technology, 1952.
 Frank Ernest Johnson, B.A., College of Puget Sound, 1956.
 Wayne Jeffrey Johnson, B.S. in Bus. Adm., Lake Forest College, 1956.
 Joe Kent Kerby, B.S., Brigham Young University, 1959.
 John Bolen Kilgore, Jr., B.S., Oklahoma A. and M. College, 1943.
 Carl Guinn Koch, B.S., Marquette University, 1953.
 Edward Anthony Kozar, B.S. in Pharmacy, University of Minnesota, 1953.
 Robert Arthur Krueger, B.S.B.A., Northwestern University, 1959.
 Howard Holt Kuiper, B.S.B.A., Northwestern University, 1959.
 Melvin Roy Lannert, B.S.M.E., Purdue University, 1951.
 John Edward Lehrer, LL.B., De Paul University, 1953.
 Robert Frederick Lindner, B.A., Miami University, 1951; M.S., 1952.
 Richard Watson Long, Jr., B.A., Northwestern University, 1956.
 Francis A. Lynn, Jr., B.S.M.E., Illinois Institute of Technology, 1951.
 William Sturtevant Lyon, B.A., Dartmouth College, 1955.
 John K. Madsen, B.S. (Marketing), University of Utah, 1950.
 Thomas Edward Mark, B.S. in Mech.E., University of Notre Dame, 1958.
 Franklin Rogers Mason, B.S.E., Princeton University, 1958.
 William Thompson McConnell, B.A., Denison University, 1955.
 John Chester Michno, B.S. Chem. Eng., University of Notre Dame, 1957.
 Peter James Mikeses, B.S. Mech. Eng., Southern Methodist University, 1958.
 Clifford Allen Mitts III, A.B., University of Michigan, 1954.
 Ben James Mogni, Jr., B.S.B.A., Northwestern University, 1957.
 Jonathan Whitney Mohle, B.A., Rice Institute, 1952; M.A., Fletcher School of Law and Diplomacy, 1953.
 Richard Ryan Mullaney, B.S., Marquette University, 1952; LL.B., 1955.
 John Frederick Mulroy, B.B.A., University of Texas, 1955.
 Ronald Farrell Nielson, B.S., Brigham Young University, 1958.
 Carl John Nolte, Jr., B.S., Iowa State College, 1953.
 Bertil Donald Nordin, B.S.B.A., Northwestern University, 1956.
 Edward Peter Ohlwein, Jr., B.S., Northwestern University, 1953.

ONE HUNDRED AND SECOND COMMENCEMENT

Joan Elizabeth O'Malley, B.E., Chicago Teachers College, 1940.
 Rozanne Overaker, B.S.B.A., Northwestern University, 1952.
 Peter Vasil Pano, B.S.B.A., Northwestern University, 1956.
 Charles Junior Papeleux, B.S.B.A., Northwestern University, 1956.
 Paul Gott Parker, B.E.E., University of Louisville, 1958.
 John William Porter, B.A., DePauw University, 1958.
 Burr Thomas Preston, B.S. in Statistics, Stanford University, 1958.
 William Louis Reilly, A.B., Boston College, 1958.
 Kenneth A. Rich, B.S. in M.E., Purdue University, 1947.
 Thomas Craig Richey, B.S.B.A., Northwestern University, 1955.
 John William Richter, B.S., Saint Mary's College, 1948.
 David Kinne Robson, B.A., Carleton College, 1957.
 John Edward Rohlfing, B.A., Ohio Wesleyan University, 1958.
 LeRoy John Ryan, B.S. in Commerce, Northwestern University, 1943.
 Richard Walter Schweitzer, B.S. in Bus. Admin., Marquette University, 1959.
 Douglas George Schinke, B.S.(E.E.), University of Wisconsin, 1950; M.E.A., George Washington University, 1955.
 Frank Brody Schnierow, B.S., Roosevelt University, 1953.
 John Edgar Seitz, B.S. in Journalism, Northwestern University, 1952.
 Paul Frederick J. Sellers, B.S. in Bus. Admin., University of Missouri, 1956.
 Robert Louis Shultz, B.A., Haverford College, 1958.
 William Charles Sides, B.S., Alabama State College, 1957.
 Richard Denis Simonds, B.A., Yale University, 1958.
 Don Bishop Smith, B.A., Williams College, 1957.
 David Allison Staudt, B.S. in Petroleum Engineering, Stanford University, 1958.
 Donald Carl Stubbe, B.A., Miami University, 1958.
 A. T. Super, Bachelor of Business Administration, University of Minnesota, 1951.
 Leonard Charles Thomsen, B.A., Ohio Wesleyan University, 1956.
 Joan Karth Tollefson, B.B.A., University of Wisconsin, 1951.
 Edmond Albert Tondou, B.S. in Economics, University of Pennsylvania, 1959.
 Robert Donald Tranter, B.S.B.A., Northwestern University, 1950.
 David Frederick Trish, B.A., Beloit College, 1954.
 Peter Joseph Vogrin, B.S. in Commerce, De Paul University, 1950.
 Donald Fraser Wallace, B.A., Michigan State University, 1950.
 Timothy Warren Watson, B.A., Rice Institute, 1957.
 Carleton William Werner, B.B.A., University of Wisconsin, 1948.
 Edward Charles Wilberding, B.S.B.A., Creighton University, 1959.
 Charles Edward Wilde, B.S. in A.E., Lafayette College, 1951.
 George Ernest Williams, Jr., B.S. in Business Administration, Creighton University, 1957.
 Richard Martin Williams III, B.S. in Chemical Engineering, Tri-State College, 1952.
 George Edward Woods, B.A., Williams College, 1955.
 Paul Anthony Wroblewski, B.S.(M.E.), University of Wisconsin, 1958.
 William Cornelius Zeeb, B.S.(C.E.), University of Wisconsin, 1954.

MASTER OF SCIENCE IN HOSPITAL ADMINISTRATION

Robert A. Allen, M.D., Northwestern University, 1934; B.S., University of Chicago, 1929.
 Edward Peter Bartz, B.S., Marquette University, 1958.
 Samuel H. Birdzell, M.S., University of Illinois, 1944; B.S., University of Illinois, 1937.
 G. Robert Biz, B.A., American International College, 1952.
 John H. Blackwell, B.S., Jose Rizal College, 1956.
 Francis J. Blaise, A.B., Ripon College, 1953.
 Robert Clarence Boyd, M.A., University of Pittsburgh, 1950; B.S., University of Oregon, 1942.
 Wallace Edwin Brotherton, M.B.A., University of Chicago, 1950.
 Jack Brian Carter, B.S., University of Tennessee, 1957.
 Charles Kent Cooke, B.A., Michigan State College, 1952.

NORTHWESTERN UNIVERSITY

- William Dixon Currie, (Capt., USAF), B.S., Presbyterian College, 1949.
 Elmo Alexander Derrick, B.B.A., University of Texas, 1958.
 Lawrence B. Dillehay, B.A., University of Akron, 1942.
 John Frederick Edmondson, B.S., University of Wisconsin, 1949.
 Frederick Napier Elliott, M.D., University of Manitoba, 1946.
 J. D. Elliott, B.S., Austin Peay State College, 1958.
 Dale D. Embich, B.A., Guilford College, 1958.
 Dolores Q. Erickson, M.A., George Peabody College, 1944; B.A., Madison College, 1943.
 Paul O. Erickson, B.S., Indiana State Teachers College, 1936.
 Lawrence William Feil, Jr., B.S., University of Illinois, 1957.
 Louis Marvin Frazier, Jr., B.S., Arkansas State College, 1943.
 Peter Marcus Fronizer, B.A., Ohio Wesleyan University, 1958.
 Robert Francis Henry Gilmore, B.S., Fordham University, 1955.
 Donald Emery Glasford, B.A., Wheaton College, 1956.
 Neil Morgan Glass, B.S., Northwestern University, 1948.
 Arthur Charles Godin, B.A., Merrimack College, 1955.
 Edward Alton Hall, B.S., Kent State University, 1958.
 Robert Lee Harris, B.S., Marquette University, 1956.
 John Douglas Hudson, B.A., Texas Technological College, 1958.
 Leland Stanley Johnsen, B.S., University of Oregon, 1957.
 John Stanley Johnstone, B.S., University of Kentucky, 1954.
 Gene Forrest Kanagy, B.A., Goshen College, 1953.
 Yvonne George Khouri, B.S., Stetson University, 1958.
 Sister Gregory Krzak, C.R., B.S., Loyola University, 1939; R.N., St. Francis Hospital School of Nursing, 1937.
 Harlan E. Lance, M.A., University of Iowa, 1938; B.A., Monmouth College, 1935.
 Albert A. Lassanske, B.S., University of Wisconsin, 1951.
 Norbert F. Lindskog, M.S., St. Cloud State College, 1957; B.S., St. Cloud State College, 1954.
 Robert Joseph Mackie, A.B., Harvard College, 1949.
 Charles Arthur Markel, B.B.A., University of Pittsburgh, 1954.
 John L. Millard, B.S., University of Kansas, 1955.
 William Robert Mitchell, M.S., University of Louisville, 1958; A.B., University of Louisville, 1951.
 Carlos Charles Monedero, B.B.A., Texas Western College, 1958.
 James A. Oakey, B.S., Loyola University, 1958.
 John Poague Perry, B.S., University of Missouri, 1947.
 Ray Gordon Roberts, B.S., Bowling Green College, 1950.
 Myron Rose, B.A., Brooklyn College, 1958.
 James Landon Rule, B.S., Washington and Lee University, 1929.
 E. Joseph Saxl, A.B., Queen's College, 1957.
 Herbert Schwartz, B.S., University of Connecticut, 1954.
 Jack Oba Segall, B.S., Massachusetts Institute of Technology, 1958.
 William Leon Shepherd, B.A., Mercer University, 1956.
 Frank H. Sherer, B.S., Butler University, 1954.
 James H. Smith, B.B.A., Texas Technological College, 1936.
 Bruce Duane Sorenson, A.B., Jamestown College, 1949.
 Donald Watson Spalding, B.A., Duke University, 1954.
 Donald M. Stewart, B.S., Fort Hays Kansas State College, 1958.
 David Walter Stickney, A.B., Swarthmore College, 1931.
 James E. Sullivan, B.S., St. Edward's University, 1951.
 Anthony L. Trapani, B.S., Post College of Long Island University, 1958.
 R. Arthur Wagner, B.D., Eden Theological Seminary, 1956; B.S., Elmhurst College, 1953.
 Darwin Eugene Winfield, B.S., Louisiana Polytechnic Institute, 1957.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Evanston Division

Joseph Anthony Abbatiello	Simon William Heitmeyer
Robert Scott Alexander	David Harvey Hines
Gregg Alsdorf	Donald George Hlavacek
William Edward Amblad	Melvin Myron Hoffman
Richard Earl Ames	DeWitt Page Hoopes
John Wesley Andersen	Nils Ragnar Hörstadius
Joseph Jerome Babiak	Elmer Harvey Jansen, Jr.
Meriam Huston Bailey	Paul Frederick Jessup
Richard Junior Baxter	Algot Junior Johnson
Bonita Ann Behn	John Robert Kausal
Lynn Harry Benoy	David Roger Kellogg
James Richard Bergdahl	Palmer McElroy Kisker
Peter Bruce Blackford	Charles Garfield Kline
Robert Bruce Bliss	Harry John Knaf
Bertil Ernest Borgeson	William Kenneth Knudsen
John Bernard Borsch, Jr.	Dennis Joseph Konicki
Jean Louis Bouyer	Kenneth Walter Kozak
Thomas George Braun	Arnold Stephen Krawitz
James Milton Brown	Harvey Irven Lapin
Paul Alan Brown	Nicholas Costas Liakis
David Powell Burrows	Barry Joel Lind
James Joseph Carey	James Lee Marovitz
Dean Charles Challed	James Gephart Marron
Wayne Irvin Chertow	Richard Ames Marvil
John Gilbert Ciesar	Allen Dale Matheny
Roger Merle Clarke	Robert Stephen Matthews
Donald Neil Conklin	Robert Charles McCullough
Tom J. Cowley	Peter Bradshaw McKee
Bruce Arthur Craig	William Weber McRoy, Jr.
Klint Lester DeGeus	Roger Kent Metz
James Williamson DeMik	Dennis Edward Meyer
James Lowell Doty	Marilyn Jeanne Miller
Raymond Frank Douglas	John Michael Mills
John Phillip Drechsler	Donald Anthony Morton
James Elton Eckelberger	Robert Gordon Mueller
Raymond Alphonzo Eckersall, Jr.	Charles William Musgrove
Neil Keith Emge	Diana Jean Nickles
Robert John Evans	Ronald William North
Elton Dean Farley	Rose Jean Paras
Roland Edward Felleson	Leslie Franklin Parrish
Gerald Yale Festenstein	Almer Clinton Pennewell
Rudolf Heinz Frank	Jon Carter Poppen
Thomas Edwin Frank	William Robert Porter, Jr.
John William Freeman	Robert Leonard Rabin
Donald Lee Marr Garbe	Warren Robert Radtke
Walter McConnell Glass	Richard Charles Raish
Burton Earl Glazov	Raymond Robert Rausch
Thomas Anthony Goch	John Hanna Robison
Frank Charles Gorom III	Ronald Joseph Rogginger
Stanley Joseph Gradowski, Jr.	Robert Henry Rohweder
Diana Barbara Greg	Richard Marlin Rosene
Martin Henry Hacker	Ashley Martin Ross
John Alvin Hammerschmidt	Jörg Rumpf
David Wesley Hargrove	Thomas Lockwood Rumsey
Frederick McLeod Harley	William August Ruona, Jr.
Louis Franklin Hasselbring	Fred Russell
Robert Wilson Hayden	Larry Dow Russell

NORTHWESTERN UNIVERSITY

Donald Cahill Rycroft
Joan John Samios
Arve Sand
Gerald Sattinger
Gretchen Gail Schaum
Peter Haward Schenck
Dennis Raymond Schueler
Gordon Irwin Segal
Howard Ronald Serlin
Janet Ellen Shoemaker
Jay Willard Silberman
Morton Skidelsky
Alan Paul Sklar
Andrew Dennis Smith
Brooks F. Smith, Jr.
Fredric Homer Smith, Jr.
Stafford Clark Smith
John Douglas Sorensen

Richard Maurice Stacy
Charles Lee Stronach
George Smiley Suess, Jr.
Robert Lee Summerhays
Alan Stuart Takiff
Bruce Borland Thompson
Shinichiro Torii
Richard Louis Urevig
Thomas Donald Vana
George Thrane Van Valkenburgh
Theodore Blake Wanberg
Kenneth John Washburn
William Harvard Weiskopf
Robert Louis Weprin
Joseph George Westerhaus, Jr.
John David Williams
Charles Frederick Wonderlic

Chicago Division

Robert Frederick Algrem
Charles Harry Arends
Fred Thomas Armstrong
Sigrid Thomsen Barges
Arnold Fredrick Berg
Robert August Bergren
Harvey Nelson Berman
Herbert Samuel Bistriz
Alfred Henry Braun
Robert Marlatt Bubel
Edward Lawrence Chadwick
Herbert Ronald Ciralsky
Johnny Lee Clark
Christopher Elias Collias
Joseph Paul Coriaci
Charles Kellogg Davis, Jr.
William Joseph Doolan
John Dundek, Jr.
Marvin Eugene Finn
Arthur C. Fitzgerald
Thomas Patrick Gannon
Flavio Ovidio Gibertini
Eugene Wendell Gunderson
Thomas Henry Hall
Khalil Hambouz
George Louis Haussmann, Jr.
IdaZoe Powney Heitman
John Parkin Higginson, Jr.
Robert Louis Hintz
William Ralph Hitesman
Harold Hines Horton
John William Houghteling
John Thomas Janda
Bernard Collins Jans
Edward Victor Jarosz
Donald Lee Kasdorf
Stanley Byron Langrand
John August Lawrisuk
Henry J. Leser

Geraldine Ruth Liss
Robert Dane Mains
John Herrmann Maschoff
James Patrick McNichols
Jack B. Miller
Jack Leman Montgomery
Ruth Muller
Emily Doris Novotny
Robert Louis Olson
Victor Thomas O'Neal
Richard Irvin Polanek
Steven Reiter
John Edward Rhinehart
James Edward Richardson
Donald Joseph Rigg
Robert Jay Romain
Albert Knapp Rotschild
Raymond Safosnik
Marvin Wallace Schenk
Saverio Charles Schiro
Clarence Michael Schuster
Thomas Ward Sexton
LaVern Gale Shillington
Harold John Skretny
Charles Joseph Skrip
Paul Joseph Slakis
William Norman Soma
Herbert Gordon Souden
Thomas Adam Stachowicz
William John Stenstrom
Robert George Stroh
Gerald Eugene Torrison
John Joseph Westrich
Charles Wiegold
Ronald Bernard Willer
Ernest Gordon Williams
David Elliott York
Benjamin Franklin Zwick

ONE HUNDRED AND SECOND COMMENCEMENT

BACHELOR OF BUSINESS ADMINISTRATION

Nicholas Paul Bakony
Ethel Lillian Bicknese
Mayme C. Boyce
Herbert Harold Cummins
Jose de Jesus Cunag
Robert Edward Golden
Elmer Harold Keierleber
Robert John Kunz
Jerzy Jerry Schultz

John Richard Schumacher
George Milton Sheridan
Robert Leon Spalding
Jeannine Barbara Svec
Robert Wilson Toren
Donald William Warden
Jon Marshall Waters
Henry John Wilkins
Thomas Emil Zmich

THE SCHOOL OF SPEECH

Candidates Presented by DEAN JAMES H. MC BURNEY

BACHELOR OF SCIENCE IN SPEECH

Larry Dean Allen
Janet Marie Allison
William Condit Althen
Adrienne Sue Antman
Robert Lawrence Benedetti
Richard Alan Benjamin
Eileen Warsaski Berkson
Sandra Jean Berman
Roxie Lee Berry
John Knox Boaz
Judith Ann Boca
Elmer Alfred Boeldt
Joseph Perlee Borland
Gail Ruth Brown
Roberta Anne Brown
Joan Darling Buchanan
Diane Frances Caprio
Louise Rochelle Carniol
Richard Grow Cerasani
William Francis Chimka
John Franklin Clancy
Sandra Jean Clarke
Elizabeth Iovia Cosman
Judith Alice Coyle
Gary Conn Crabb
Charlotte Elizabeth Crozier
Mary Ann Cummings
Loraine Despres
Laveta Alleyne Drawve
Lesley Ruth Dunn
Illeanne Epstein
Jane Fellman
Barbara Maury Fetter
Joseph Michael Fitzsimmons, Jr.
Phyllis Arlene Flynn
Robert Curry Ford
Nancy Lynn Frey
Sandra Elizabeth Froyd
Linda Virginia Garn

Sheila Sered Gideon
William Arney Grafke
Thomas Taylor Grant
Albert Kent Gravett
Beverly Ann Gray
Janice Gregg
Thomas Peter Gregory
Thomas Lloyd Griffin, Jr.
Lawrence Arnold Grossman
Lawrence E. Hale
Mary Joanne Hamilton
Barbara Arden Harrison
James Raymond Hawkins
Sarah Bowsher Haynes
Ann Daly Henry
Carol Jo Henry
Donald Duane Huber
Faye Marcia Johnson
Sharon Marr Johnson
Richard Sovde Kahlenberg
George Charles Kapheim
Charles William Keller
Roberta Frances Klumb
Susan Esther Kolodin
Barbara Jean Kopp
Glenn Clifton Kummerow
Eldon Wayne Lanning
Thomas Richard Lawrence
John Charles Lehman
Ronald Gordon Leppig
Mary Joyce Wall Lewis
Janet Anne Lockyer
June Janet Longfellow
Orville Gene Maddox
Philip J. Mandelker
Ronald Henry Marks
Robert Clarence Martin
Mary Louise Marx
Reno James Masotti

NORTHWESTERN UNIVERSITY

Portia Palmer McNess
Pamela Miller
Patricia Anne Miller
Marilyn Mills
Laura Monarch
Jane Allen Monro
Carl Fritz Moore
Jill Ann Moorshead
Robert Lynn Morris
Myrna Lou Nelson
Lynn Nesbit
Nancy Jo Nichols
Judy Gale Nye
Judith Owens
Joan Irene Page
Dennis Bruce Parichy
Donald Albin Pearson
Deloras Knepper Pemberton
Charles Eric Peruchini
George Arthur Platz
Ann Phinette Pomainville
James Middleton Pyott
Linda Radley
William Joseph Rappel
Carol Louise Rasmussen
Kenyon Dale Rasmussen
Robert Kenneth Rauth
Robert Alan Ravitz
Janice Rector
Marcia Kay Rodd
Gerald Thomas Rogers
Charles Daniel Roth
Anita Rubino
Burton Lester Rudman
Thomas Stuart Rutledge
Iris Stephany Satterfield
Margaret Patricia Scanlan
Jean Ann Scherping

Bettina Schwimmer
Robert Bruce Serhant
Ronald John Shabel
Nancy Ross Shpincer
William Lawrence Shumate, Jr.
Richard Donald Siragusa
Robert Owen Smith
Sandra Jean Smith
Thomas Graham Smith
Webster Leath Smith
Brenda Rae Solnick
Doreen Mary Spackman
Mary Ann Stanley
Charles Baldwin Stearns
Rachel Nasaw Stempel
Nancy Kathleen Stephenson
Lawrence Bullard Stetson
Robley Walter Sundmacher
Patricia Mae Tharp
Robert Wilburn Thomas
Marian Lee Upchurch
Albert Thomas Urbanski
Gary Carmine Vitale
Margaret Ruth Walker
Gretchen Walther
Harold Floyd Warren, Jr.
Elizabeth Boardman Wehde
David Lee White
Clair Ann Whiting
Janet Brown Wilcox
Laird Harold Williamson
William Charles Wind
Helen Chapman Wood
Joseph Edward Woodson, Jr.
Richard Alan Woody
David Kent Zegers
Anysia Georgette Ziady

THE SCHOOL OF EDUCATION

Candidates Presented by DEAN ELDRIDGE T. MC SWAIN

BACHELOR OF SCIENCE IN EDUCATION

Janet Eleanor Akers
Edith Marie Allen
Mary Ann Ina Anderson
Arlene Florence Anton
Peter Edward Arena
Douglas Samuel Asad
Stephanie Carole Badanish
Julie Ann Baker
Susan Rosemary Bass
Diane Joy Batson
Elizabeth Eleanor Beaton
Jane Ellen Beisel
Mary Elizabeth Benjamin

Kirk Stevens Bennett
Kenneth Bertrand Bindner
Judy Citterman Blumenfeld
Gretchen Ann Boyd
Suzanne Gale Bragg
Persis Agnew Brown
Linda Jean Buchanan
Judith Ann Buntain
Ronald Eugene Burton
John David Butler
Susan Ault Carter
Suzanne Jean Champine
Sally Elizabeth Clark

ONE HUNDRED AND SECOND COMMENCEMENT

Ann Clemons
 Kathryn Ann Conte
 Thora Jean Cook
 Barbara Coster
 Amy Blount Cotharn
 Michael David Creighton
 Susan Joan Cullen
 Carole Ann Daemicke
 Mona Davisson
 Virginia Lee Dawson
 Janis Helene Dentino
 Cecily Monroe Depew
 Marilyn Vivian Domabyl
 Joan Marie Domhoff
 Marilyn Effron
 Brenda Joanne Fagan
 Mary Pongones Feltenstein
 Joyce Wright Ferguson
 Jane Letitia Fingerle
 Felicia Kadens Finkelman
 Beverly Elaine Fischmann
 Robert Marsh Frederick
 Nancy Anne Gillesby
 Donna Mae Goldberg
 Marilyn Blossom Gordon
 Ezra Gene Gossage
 William Andrew Graf
 Mary Larned Green
 Barbara Greenberg
 Jerry Conrad Greer
 Martha Anne Grubb
 Ruth Wilson Hannah
 Sara Ann Hastings
 Stuart Knight Holcomb, Jr.
 Arlene Roberta Holmes
 Gayla Davis Homer
 Susan Douglass Hooper
 Darold Duane Hoops
 Lucy Lewis Howard
 Barbara Marie Hultgren
 Francine Rosenblatt Hurwitz
 Mary Abbott Hutchinson
 Victoria Jaffray Jelke
 Samuel Johnson
 Mark Ronald Johnston
 William Albert Jones
 Jeffrey Mark Josephson
 Marcia Stein Kaplin
 Suzanne Gail Kaufman
 Betty Ellen Kegel
 Brenda Linn Kelly
 Ralph Lee Kiernan
 Gloria George Kinney
 Kay Elizabeth Kirn
 Judith Ann Knorr
 Nancy Jean Koehler
 Constance Ann Kolssak
 Joan Ellyn Kotler
 Arthur Oliver Kraft
 Frances Ann Kremer
 Lynne Cullinan Krieman
 Jean Louise Kummer

Judith Ann Lambert
 Alice Blackwell Lane
 Carol Ann Larson
 Karen Lauer
 Trina Melisse LeGore
 Gordon Thomas Levering
 Charles William Lindstrom
 Linda Nell Lucas
 Ellen Elizabeth Luthmers
 Margaret Susan Lynch
 Barbara Ann MacSteven
 Nancy Kirkpatrick Maescher
 Roberta Joan Maher
 Janice Linda Malone
 Matilda Lynne McClay
 Carroll Lynn McGuinn
 Cynthia Ann McHenry
 Heather Lee McIntosh
 Gail Morris Mesirow
 George Armen Mestjian
 Carolin Edna Money
 Mary Joanne Morris
 John Leo Mullen
 Richard Gene Munson
 Norman Robert Nedde
 Carol Ann Newman
 Dorothy Irene Newman
 Nancy Stolen Norland
 Karen Marie Oestermeyer
 Thomas Raymond Olk
 Joy Ann Osthimer
 Jean Marie Pancner
 Rita Louise Pendleton
 Mary Emma Peschel
 Elinore Alice Petroff
 Elizabeth Alvilda Petroff
 Carolyn Ann Piepmeier
 Carolyn Gromer Plath
 Daryl Greenfield Portugal
 Nina Jacobs Resnick
 Linda Helen Robinson
 Penelope Roth
 Carol Joyce Rotstein
 Anita Jean Rowan
 Ann Jo Sawyer
 Marilyn Gail Scadron
 Freda Ann Schafer
 Judith Sparberg Scheffres
 Louis Stanley Sefick
 Ellen Maxine Smith
 Rosemary Lynn Smith
 Sally Ann Spang
 Joy Seaver Staunton
 Judith Rose Stern
 Richard Jamison Sucher
 Helen Marie Svoboda
 Elizabeth Helen Jung Talley
 Frances Adele Thorsen
 Mercedes Mary Tort
 Camille Joanne Turkiewicz
 Alice Charlotte Urquhart
 Julie Van Dusen

NORTHWESTERN UNIVERSITY

Larry Kenton Van Dusen
Suzanne Wood Van Dusen
Jon Albert Van Tuin
Angeline Babanicolis Vrame
Jane Morgan Wade
Bette Ruth Whiteside
Bonnie Helen Whiteside
Susan Winifred Wiesinger

Nancy Brown Wilkinson
Eileen Rose Will
Janice Hay Williams
Billie Jeanne Wilson
Garlin Margaret Wood
Mimi Wood
Deborah Dixon Wuerfel
Carol Ann Young

THE MEDILL SCHOOL OF JOURNALISM

Candidates Presented by DEAN I. W. COLE

MASTER OF SCIENCE IN JOURNALISM

Peter Brown Ballou, A.B., Harvard University, 1957.
Myron Bernard Beckenstein, B.S. in Journalism, Northwestern University, 1959.
John Attilio Canna, B.A., University of Notre Dame, 1955.
Eileen Marne Chapman, B.S. in Journalism, Northwestern University, 1959.
Richard Spencer Croy, B.S., Kent State University, 1954.
Patricia Helen Endress, B.S. in Journalism, Northwestern University, 1954.
Paul Arthur Gilje, B.S. in Journalism, Northwestern University, 1959.
Margaret Pauline Grigoleit, B.S. in Journalism, Northwestern University, 1959.
Frances Iva Hill, B.S. in Journalism, Northwestern University, 1959.
Jack Heydrick Homer, B.S. in Journalism, Northwestern University, 1959.
Donald David Horine, B.S. in Journalism, Northwestern University, 1959.
Charles Cordes Hornsby, B.A., DePauw University, 1958.
Anita Louise Jones, B.A., Winthrop College, 1958.
Charles Edson Kingdom, B.S. in Journalism, Northwestern University, 1959.
Garfield Lillard, Jr., B.S., Tennessee A & I State University, 1956.
Lionel T. Linder, B.A., University of New Mexico, 1954.
Caryl Anne Logsdon, B.S. in Journalism, Northwestern University, 1957.
Robert Allan Marburger, B.S. in Journalism, Northwestern University, 1959.
Richard Alan Marseille, B.S. in Journalism, Northwestern University, 1956.
Vida Regina Matusaitis, B.A., Clark University, 1958.
Robert James McCluskey, B.S., Fordham University, 1955.
Patrick Arthur McCullough, B.A., University of Notre Dame, 1958.
Robert V. McKnight, B.J., University of Missouri, 1948.
Mary Elizabeth Miller, B.A., Millsaps College, 1958.
Maude Carley Moncure, B.S., University of Kentucky, 1955.
Hamid Mowlana, Diploma, University of Tehran, 1958.
Fred Corell Pearson, A.B., Wheaton College, 1958.
Jon Lance Peterson, B.S. in Journalism, Northwestern University, 1959.
Antonio Obregon Sebastian, B.S., Ateneo de Manila, 1957.
Darrel Edward Seng, B.A., Nebraska Wesleyan University, 1958.
Stanley Ralph Shapin, B.S. in Journalism, Northwestern University, 1959.
Arnold Kent Shamblin, B.S., Oklahoma A & M College, 1957.
Sharon Jean Smith, B.S. in Journalism, Northwestern University, 1959.
Lawrence DeWitt Townsend II, A.B., San Diego State College, 1958.
Theodore Nicholas Voss, B.A., Wesleyan University, 1957.
Boris Weintraub, B.S. in Journalism, Northwestern University, 1959.
John Barrons Winsor, B.A., Lawrence College, 1958.
Richard Alexis Youhn, B.S. in Journalism, Northwestern University, 1959.
John Richard Zeeman, B.S. in Journalism, Northwestern University, 1959.

ONE HUNDRED AND SECOND COMMENCEMENT

BACHELOR OF SCIENCE IN JOURNALISM

Phyllis Laraine Ambrose	Alice Joan Lorensen
Michael Barkun	Sara Frances MacCorkle
Ann Elizabeth Bethel	Margaret Carol McAllen
Roberta Golden Blumenfeld	Leo Christian Martin
Rochelle Vivian Brody	Shirley Temple Mekeel
Constance Mueller Byrne	Roy Fredrick Meyer
Kevin Robert Cadigan	Carol Ann Miller
Elaine Anne Calhoun	Wayne Keith Nelson
Lauretta Mae Cotterman	Roy Arthur Olson
Rance Edwards Crain	Sarah Jeanne Plunkett
Richard Martin Croake	Matthew Alfred Pommer
Diana Louise Eaton	Raymond Thomas Prazak, Jr.
Marianne Fosse	Lenore Spear Reif
Madeleine Elizabeth Fridrich	Margaret Mary Ross
Margaret Mary Gallagher	Walter Feucht Rugaber, Jr.
Donna Ann Golz	David Michael Sapp
William Alan Gordon	Albert Harris Simons
David Charles Hager	Kathleen Abby Speer
Jenny Sue Hartman	Maxye Janis Spens
John Hoshko	Mack Mercer Stahl
Cynthia Dodge Johnson	Jay Darrell Strong
Charles Patrick Joyce	Judith Marie Swulius
Hazel Hope Justus	Angela Margherite Tedesco
Gerald Sidney Kirshenbaum	Dale Mary Augusta Vincent
Kenneth Allen Knox	Glen Edward Walker
Gail Evans Kuhn	Valerie Weeks
Marian Lang	Donald Watson Weir
Carol Ann Larson	Marilyn Florence Weinkauff
Beverley Jean Lear	Frieda Wischoeff
John Richard Leslie	Charlene Sue Zukerman

THE TECHNOLOGICAL INSTITUTE

Candidates Presented by DEAN HAROLD B. GOTAAS

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Jerome J. Cierniak	John Arthur Jossi
Roger L. Cooper	Sol David Koppel
James R. Duvall	Richard Ingwald Larson
George Shackelford Eddy	Robert Burns McMurray
Maitland Roger Edwards	Werner A. Mukatis
Jack Drew Ehrhardt	Roger L. Peterson
Robert L. Eichenseer	Kenneth William Rockett
Henry Blanchard Fischer	Gerald R. Schwartz
Dennis L. Gibson	Rudolph Sundberg
Roger E. Johnsen	William Joseph Tronsen
Linda Kate Johnson	Ronald J. Zeman

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Charles Howard Brintlinger	Thomas Charles McGonigle
Alan Edward Hacker	Roger George Oechsel
Carl W. Hessel	James E. Osborne
John Bolling Lockett, Jr.	Donald Edward Parker

NORTHWESTERN UNIVERSITY

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Frank J. Arkell, Jr.
Edwin Drake Ballard, Jr.
Gary E. Bell
Henry Louis Bertoni
James Vincent Blazek
Gerald Francis Brieske
James Weld Davis
Harlan Duwayne Dulmage
William Gabrielson
Esther Irwin Gilman
George Martin Hanus
George Thomas Hawley
Robert David Hobmann
Gordon W. James

Edward J. Kubiak
Larry Larkin
Ronald J. Leali
Robert Lohse
James Thomas Luhmann
Kent Allan Mallquist
Vernon Albert Reisenleiter, Jr.
Charles E. Rose
Elmer Lee Scheuerman
Peter Sokolov
Richard Arthur Volz
Alfred Bruno Wiczorek
Leonard G. Wolfkiel

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Jack Iver Dahl
Ronald W. Hardy
Harold Gilman Kaeser
Kent Christian Krogh
Eugene Joseph Kurie

James Rowland Laughlin III
Carl Ray Lindenmeyer
George L. Schneider
George Donald Sengstock
Donald William Woehrle

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

James Edward Burke
Alphonso Chang
David John Conville
Lawrence Dean Darling
John Michael Ehrenberg, Jr.
John Ralph Erisman
Jay William Feldmann
Philip Henry Graham
Robert Duane Gustafson
Ronald John Hollmeier
Charles Steven Janek
Thomas Joel Russell Johnson
Jay Edward Kennedy
Jon Darrell Mandell
Thomas B. Michna
John Landeen Muller

Claude Thomas Olson
Robert Charles Petrof
Jerome Erwin Schaus
Charles John Schwiedergoll
Clark Arthur Searle
James W. Smith
Vivian Elma Sosin
Robert F. Stanek
George Anton Voit
Jörg Friedemann Voss
Tyler Duncan Wilson
John William Winings, Jr.
Ronald Mitchell Wolosewick
Ronald John Yuill
James William Zurek

BACHELOR OF SCIENCE IN SCIENCE-ENGINEERING

James Erskine Fanning
Samuel A. Haubold

Kurt Philip Johnson
Edward Harman Piepmeier

THE GRADUATE SCHOOL

Candidates Presented by DEAN MOODY E. PRIOR

DOCTOR OF PHILOSOPHY

With Titles of Dissertations

- Leo Ahramjian, B.S., University of California, 1953; M.S., 1954. Civil Engineering. *The Stereochemistry and Mechanism of Base-Catalyzed Condensation Reaction.*
- Max Lorenz Baeumer, Eq. of bach., University of Trier (Germany), 1939. German. *Das Dionysische in den Werken Wilhelm Heinse.*
- Earl Bogdanoff, B.A., Roosevelt University, 1952; M.A., University of Chicago, 1954. Sociology. *Occupational Specialization and Social Mobility.*
- Joseph Leo Borowitz, B.S., The State University of Ohio, 1955; M.S., Purdue University, 1957. Pharmacology. *Potentiation of Catechol Amines by Iproniazid.*
- Wanda Ellen Brandstetter, B.A., Missouri State College, 1949; M.S., Northwestern University, 1958. Biology. *Development of the "Hatching Muscle" (Musculus Complexus) in Unoperated, Hypophysectomized and Thiourea-Treated Chick Embryos.*
- Moirá Breen, B.S., University of Madras (India), 1944; M.S., Vassar College, 1951. Biochemistry. *Parathyroid Function and Plasma Calcium Distribution.*
- Tomas Buch, Licenciado, University of Buenos Aires, 1955; Chemistry-Physics. *Electron Spin Resonance Spectroscopy in Irradiated Polypropylenes.*
- Louis Pierre Bucklin, A.B., Dartmouth College, 1950; M.B.A., Harvard University, 1954. Marketing. *The Economic Structure of Channels of Distribution.*
- J. Gerald Byrne, B.E., Stevens Institute of Technology, 1953; M.S., 1957. Metallurgy. *Strengthening by Precipitates in Aluminum-Copper Alloys.*
- Jean P. Chapman, B.S., Northwestern University, 1951; M.A., 1956. Psychology. *The Spacing of Sequentially Dependent Trials in Probability Learning.*
- Phillips George Davies, B.A., Marquette University, 1946; M.A., Northwestern University, 1947. English. *The Literary Reaction to the East India Company, 1760-1804.*
- Francis R. Delfeld, B.E.E., Marquette University, 1947; M.S., University of Wisconsin, 1950. Electrical Engineering. *Analysis of Pulse-Width Modulated Control Systems.*
- Robert Eldon Dietz, B.S., Texas Technological College, 1956. Chemistry. *Chemisorption and Magnetization.*
- Janet Frances Eells, B.S., San Diego State College, 1951; M.A., 1953. Psychology. *Inconsistency of Early Handling and its Effect upon Emotionality in the Rat.*
- Henry John Eickhoff, B.A., Concordia Seminary, 1944; B.D., 1947; M.M., Northwestern University, 1950. Music. *The Ritornello Principle in the Organ Works of Johann Sebastian Bach.*
- Gene England, B.S., University of Minnesota, 1955; M.S., Vanderbilt University, 1956. Speech. *The Modification of Speech Sounds by Alteration of the Air-Borne Auditory Feedback.*
- Hugh Arthur Farber, B.S., Michigan State University, 1956. Chemistry. *I. The Acid Catalyzed Rearrangement of a Pinene Oxide. II. The Use of Chlorine and Water for Decomposition of Ozonides.*
- Joseph Charles Forman, B.S., Massachusetts Institute of Technology, 1953; M.A., Northwestern University, 1957. Chemical Engineering. *Studies of the Critical State for Multicomponent Hydrocarbon Mixtures.*
- Edmund George Franzak, B.S., Fournier Inst. of Tech., 1952; M.S., University of New Mexico, 1955; M.S., Northwestern University, 1957. Physics. *Multi-Phonon Processes Occurring in First Order Time Dependent Perturbation Theory.*
- Lewis A. Froman, Jr., B.A., Yale University, 1957. Political Science. *Cognitive Consistency of Political Values and Beliefs.*
- Jacek K. Furdyna, B.S., Loyola University, 1955. Physics. *The Faraday Effect in Semi-Conductors at Microwave Frequencies.*
- Mary Thale Gallagher, B.A., De Paul University, 1945; M.A., 1947. English. *John Dryden's Use of the Classics in his Literary Criticism.*

NORTHWESTERN UNIVERSITY

- Peter Robin Gould, B.A., Colgate University, 1956; M.A., Northwestern University, 1957. Geography. *The Development of the Transportation Pattern of Ghana.*
- Anthony A. Grabowski, B.A., Illinois Institute of Technology, 1936; M.Ed., Chicago Teachers College, 1948. Education. *An Analytical Study of the Out-of School Activities of Isolated Elementary School Teachers in Illinois.*
- Evan H. Greener, B.Met.E., Polytechnic Institute of Brooklyn, 1955; M.S., Northwestern University, 1957. Metallurgy. *The Electrical Conductivity of Non-Stoichiometric Nb_2O_5 and Non-Ohmic Phenomena in Nb_2O_5 and TiO_2 .*
- Carl Ransdell Hausman, B.A., University of Louisville, 1949; M.A., Duke University, 1953. Philosophy. *Creativity in Art.*
- Joseph R. Hearst, B.A., Reed College, 1954; B.S., Massachusetts Institute of Technology, 1954; M.A., Boston University, 1955. Physics. *Protons from the 14 Mev. Neutron Reaction with Cobalt.*
- Gary Newton Hess, B.A., University of California, 1954; M.A., Northwestern University, 1957. Speech. *An Historical Study of the Du Mont Television Network.*
- Richard Frank Hoglund, B.S., Northwestern University, 1954; M.S., 1955. Mechanical Engineering. *Dissociation and Ionization Effects in the Laminar Mixing of Parallel Streams.*
- M. Elizabeth Jacka, B.A., University of Arizona, 1952; M.A., Northwestern University, 1954. Education. *The Effect of Intragroup Cohesiveness upon Agreement Attempts Between Groups.*
- Rowena Revis Jones, B.A., Wheaton College, 1950; M.A., University of North Carolina, 1951. English. *Emily Dickinson's "Flood Subject": Immortality.*
- Masakiti Kinukawa, B.A., Tokyo Metropolitan University, 1953; M.A., 1955. Mathematics. *Fourier Series.*
- Elmer Daniel Klemke, B.A., Hamline University, 1950; B.D., Garrett Biblical Institute, 1953; M.A., Northwestern University, 1959. Philosophy. *An Examination of the Epistemology of G. E. Moore.*
- Samuel Saburo Koide, B.S., University of Hawaii, 1945; M.D., Northwestern University, 1953; M.S., 1954. Biochemistry. *A Study of the Effects of Various Steroids on 3 and 17 Hydroxysteroid-Activated Trans-hydrogenase and Dehydrogenase Systems.*
- Eliezer Krumbein, B.S., Harvard University, 1946; M.A., Northwestern University, 1956. Education. *Reliability of Techniques for Scoring T.A.T. Responses and Rating Predicted Executive Behavior: A Study of Advertising Agency Executives.*
- William Cyrus Kuby, Jr., B.S., Northwestern University, 1955; M.S., 1957. Chemical Engineering. *The Study of the Reaction Kinetics of the Dehydrogenation of Cyclohexane to Benzene Using a Platinum Catalyst.*
- Cooper Harold Langford, III, B.A., Harvard College, 1956. Chemistry. *Solvent Characteristics of Tetramethylene Sulfone.*
- Tung-ming Lee, B.S., National Tsing-Hua University (China), 1949; M.S., Northwestern University, 1955. Civil Engineering. *Bending by a Concentrated Force of an Infinite Plate on a Circular Support.*
- Jacob Lubetsky, B.A., Lehigh University, 1955; M.A., Boston University, 1956. Psychology. *Assimilative Projection as Measured by Trait Attribution.*
- Clarence Joseph Maday, B.S., Illinois Institute of Technology, 1951; M.S., 1954. Mechanical Engineering. *On the Stability of Hydrodynamic Journal Bearings.*
- Donald A. Markwalder, B.S. in Ed., Illinois State Normal University, 1952; M.A., Northwestern University, 1957. Economics. *The Flour Milling Industry: An Economic Study of Excess Capacity.*
- Charles Ralph McCoy, B.S., Roosevelt University, 1956. Chemistry. *Nuclear Magnetic Resonance Studies of Organo-metallic Compounds.*
- Wilma Ethel McNess, B.S., University of Wisconsin, 1936; M.A., Northwestern University, 1951. Speech. *A Study of the Self References of Keith County Day School Students, Rockford, Illinois, Grades One Through Six.*
- Robert Harold Metcalf, B.A., Brown University, 1948; M.A., Northwestern University, 1950. Education. *A Study of the Planning and Development of the Program in Selected, Newly Organized Secondary School Districts in the Chicago Metropolitan Area.*
- Eduardo Chivambo Mondlane, B.A., Oberlin College, 1953; M.A., Northwestern University, 1956. Sociology. *Role Conflict, Reference Group and Race.*

ONE HUNDRED AND SECOND COMMENCEMENT

- Jules Laurence Moreau, B.A., Lehigh University, 1940; S.T.B., General Theological Seminary, 1948; S.T.M., 1953; M.A., Northwestern University, 1953. Religion. *Faith and Fact—A Tradition-Historical Inquiry into the Primitive Strata of Christian History.*
- Edward John Muzik, B.A., University of Michigan, 1948; M.A., 1952. History. *Victor L. Berger: A Biography.*
- Robert Wayne Ohline, B.A., Grinnell College, 1956; M.A., Northwestern University, 1958. Chemistry. *Chromothermography—the Application of Moving Thermal Gradients to Gas-Liquid Partition Chromatography.*
- Jay Ward Palmer, B.S., Utah State Agricultural College, 1950; M.S., 1956. Chemistry. *Studies of Hydrogen Isotope Exchange in Transition Metal Ammine Complexes.*
- Boris Parl, LL.B., University of Tartu (Estonia), 1942; B. of Econ., Stockholm School of Economics, 1952; M.B.A., Northwestern University, 1953. Marketing. *An Analysis of the Shoe Manufacturing Industry with Special Emphasis on Changes and Trends in the Use of Various Distribution Channels by Shoe Manufacturers.*
- Ann J. Perry, B.A., University of California, 1944; M.S., Louisiana State University, 1954. Biochemistry. *A Study of Some Physicochemical Properties of the Water Soluble Proteins of the Bovine Eye Lens, with the Development of a Convenient Method of Preliminary Fractionation.*
- Jean Meredith Povinelli, B.A., Rosemont College, 1952; M.S., Vanderbilt University, 1956. Speech. *Binaural Summation in the Elderly.*
- George Robinson Ricks, B.M.Ed., Northwestern University, 1948; M.M., 1949. Anthropology. *Some Aspects of the Religious Music of the United States Negro.*
- Kwan Rim, B.S., Tri-State College, 1955; M.S., Northwestern University, 1958. Mechanics. *Analysis of Infinitely Long Circular Cylindrical Shells.*
- Sidney I. Roberts, B.S., College of the City of New York, 1952; M.A., Columbia University, 1953. History. *Businessmen in Revolt: Chicago, 1874-1900.*
- Marie J. Robinson, B.L.I., Emerson College, 1935; M.A., Michigan State College, 1944. Speech. *Revivals on the New York Stage, 1930-1950, with Statistical Survey of their Performances from 1750 to 1950.*
- John Brewster Sangree, Jr., B.S., Rutgers University, 1951. Geology. *Silurian of Northern Indiana.*
- James-Frederick Sauvage, B.S., Trinity College, 1954. Chemistry. *The Stereochemistry of the Catalytic Hydrogenation of Cycloalkenes.*
- Irwin William Sherman, B.S., City College of New York, 1954; M.S., Northwestern University, 1959. Biology. *Physico-chemical Studies of the Malarial Parasite, Plasmodium lophurae, and its Host, the Chicken.*
- Hiroshi Shimotake, B.S., Nihon University (Japan), 1951; M.S., Northwestern University, 1957. Chemical Engineering. *Viscosity of Ammonia in the Dense Phase Region: Pressures up to 5000 psi and Temperatures of 100, 150, and 200° C.*
- Thomas Orville Sloan, B.A., Southern Illinois University, 1951; M.A., 1952. Speech. *The Rhetoric in the Poetry of John Donne.*
- Phillip Edward Sokol, B.S., University of Illinois, 1956. Chemistry. *Substitution and Rearrangement Reactions in the Benzothiophene 1,1-Dioxide Series.*
- Phillip Henry Steinberg, B.S., University of Cincinnati, 1954. Physics. *Binding Energies of Hyperfragments from K-Capture.*
- Joseph Ross Stevenson, B.A., Oberlin College, 1953; M.S., Northwestern University, 1955. Biology. *The Physiology of Aging in Hydra.*
- Frank Henry Thomas, B.S., University of Illinois, 1955; M.A., Northwestern University, 1956. Geography. *The Denver and Rio Grande Western Railroad: A Geographic Analysis.*
- Mary Elizabeth Thompson, B.A., Carroll College, 1930; M.A., Northwestern University, 1948. Speech. *The Wisconsin Idea in the Wisconsin High School Forensic Association.*
- Albert Kerby Tink, B.A., Lawrence College, 1934; M.A., Columbia University, 1946. Education. *Factors Relating to Students Choosing or Not Choosing Teaching as a Vocation.*
- Obert Tufte, B.A., St. Olaf College, 1954. Physics. *Growth and Semiconducting Properties of Gray Tin Single Crystals.*
- James Herbert Vaughan, Jr., B.A., University of the South, 1950; M.A., University of North Carolina, 1952. Anthropology. *The Role of Cultural Accident in the Dynamics of Culture.*

NORTHWESTERN UNIVERSITY

- Glenn Shillington Visser, B.S., University of Cincinnati, 1952; M.S., Northwestern University, 1956. Geology. *The Geology of the Moxie Pluton, West-Central Maine.*
- Joseph William Walt, B.A., University of Tennessee, 1947; M.A., 1951. History. *Saudi Arabia and the Americans; 1928-1951.*
- Benjamin Walter, B.A., Yale University, 1952; M.P.A., Syracuse University, 1953. Political Science. *Communications and Influence: Decision-Making in a Municipal Administrative Hierarchy.*
- Tung-Ming Wang, B.S., Chiao Tung University (China), 1945; M.S., University of Missouri, 1954. Civil Engineering. *Analysis of Large Deflections of Beams by Relaxation Method.*
- Warren Clayton Waterhouse, B.Ed., State Teachers College (Eau Claire), 1933; M.B.A., University of Denver, 1947. Economics. *Casual Factors Underlying the Relationship Between Wage Rates and Job Content in the Industrial Firm.*
- William Joseph Weiler, B.A., St. John's University, 1951; M.M., Northwestern University, 1953. Music. *An Investigation of Qualities of Music Essential to the Roman Catholic Liturgy.*
- Jerrold Lee Werthimer, B.S., Northwestern University, 1947; M.S.J., 1951. Journalism. *The Community Press of Suburbia: A Case Study of Paddock Newspapers.*
- Jack A. Willeford, B.A., University of Denver, 1951. Speech. *The Association of Abnormalities in Auditory Adaptation with Other Auditory Phenomena.*
- Harold A. Winters, B.A. in Ed., Northern Illinois University, 1955; M.S., Northwestern University, 1957. Geography. *The Late Pleistocene Geomorphology of the Jamestown Area, North Dakota.*
- Andrew Adalbert Wojcicki, B.S., Brown University, 1956. Chemistry. *Mechanisms of Exchange Reactions of Radiocarbon Monoxide with Metal Carbonyls.*
- Norman Wolf, B.S., Kansas State College, 1953. Pathology. *The Use of Viable Whole Embryo Cells to Produce Survival in Lethally X-Irradiated Mice: A Quantitative Study of the Factors Involved.*
- Yin-chao Yen, B.S., National Taiwan University, 1951; M.S., Kansas State College, 1956. Chemical Engineering. *Transport Processes in the Flow of Gases Past Single Spheres.*
- William W. Yotis, B.S., Wayne State University, 1954; M.S., 1956. Microbiology. *The Role of Coagulase in Staphylococcal Infections.*
- Richard Hachadoor Zakarian, B.A., Bates College, 1949; M.A., Middlebury College, 1950. Romance Languages. *A Study of the Sources of Germinal Based Upon an Examination of Zola's Manuscripts, Notes, and their Sources.*

DOCTOR OF EDUCATION

- Leslee Jerome Bishop, B.A., Cornell College, 1941; M.A., Northwestern University, 1948. Education. *A Critical Study of the Evanston Township High School Combined Studies Program.*
- Daniel Raymond Bock, B.A., Iowa State Teachers College, 1942; M.A., Northwestern University, 1950. Education. *The Viewpoints of John Dewey on Selected Questions from Contemporary Curriculum Theory.*
- Marvin O. Garlich, B.S. in Ed., Southern Illinois University, 1947; M.S. in Ed., 1949. Education. *A Survey of Superintendents' Values and Administrative Practices in the Elementary School.*
- Donald Edgar Stahl, B.Ed., Chicago Teachers College, 1953; M.A., Northwestern University, 1956. Education. *The Development of the English Curriculum in the Chicago Public Schools from 1856 to 1958.*
- Wallace James Wheeler, B.Ed., Wisconsin State College, 1940; M.A., Northwestern University, 1947. Education. *A Study of Opinions of Parents and Teachers Toward Foreign Language Instruction in the Public Elementary Schools of Waukegan, Illinois.*

ONE HUNDRED AND SECOND COMMENCEMENT

MASTER OF ARTS

- Ann Albert, B.A., University of Chicago, 1942. Classics.
 Doris Ivory Alexander, B.S., Alabama State College, 1953. Education.
 Kjell Amble, B.A., Denison University, 1954. Speech.
 Jean Frances Anderson, A.B., University of Illinois, 1957. Speech.
 David Arthur Armour, B.A., Calvin College, 1959. History.
 Arthur O. Arnold, B.A., Gustavus Adolphus College, 1935. Speech.
 Hugh Grant Barrett, B.A., Oxford University, 1959. Geography.
 Susan Bernstein, B.S., Northwestern University, 1958. Education.
 Robert Dale Biddick, B.A., University of Minnesota, 1949. Religion.
 Gerald Werner Boevers, B.A., Northwestern University, 1959. Education.
 Abcodu Hannah Bowen, A.B., Cuttington College (Liberia), 1956. History.
 Bernard Charles Brady, B.S., Northwestern University, 1952. Education.
 Kenneth Lee Brown, B.S., Syracuse University, 1955. Speech.
 Lee Bateman Brown, B.A., University of Utah, 1956. Philosophy.
 William Lee Burke, B.S., Northwestern University, 1959. Speech.
 Esther S. Burns, B.A., Hunter College, 1938. Education.
 Mary Frances Busby, B.S., Indiana University, 1953. Education.
 David Wendell Butler, B.A., Central College, 1951. Religion.
 Glendoris Acenathe Caauwe, B.A., Wayne State University, 1941. Education.
 Donald Kenneth Cadley, B.A., Geneva College, 1955. Speech.
 Robert Lawrence Calatrello, B.S., Millikin University, 1958. History.
 Thomas Fred Carpenter, B.S., Kansas State College, 1953. Speech.
 Gloria K. Charles, B.S., Marquette University, 1947. Education.
 Barry Emerson Collins, B.S., Northwestern University, 1959. Speech.
 Roger E. Compton, A.B., Wheaton College, 1955. Speech.
 Margaret Ann Connon, B.A., Whitworth College, 1958. English.
 Naomi Elaine Cooks, A.B., Bryn Mawr College, 1958. Education.
 Cynthia P. Costanza, B.A., MacMurray College, 1959. English.
 Frederic K. W. Curry, B.A., Denison University, 1954. Speech.
 Gerard Robert D'Alessio, B.A., Columbia College, 1958. Psychology.
 Emilio Julio Miguel de Carvalho, B.D., Faculdade de Teologia (Brazil), 1958. Religion.
 John George Delin, B.A., Roosevelt University, 1950. Education.
 Kenneth Dale DeVille, B.A., Lamar State College, 1958. English.
 Karen Sue Dollenmayer, B.A., Hollins College, 1958. Psychology.
 James William Dresen, B.S., Xavier University, 1955. Speech.
 Ronald L. Duckers, B.A., Lake Forest College, 1956. Education.
 Harold Vernon Dwy, B.S., New York University, 1949. Education.
 Victor Charles Dye, A.B., Nebraska Wesleyan University, 1954. Education.
 Patrick Joseph Dyra, B.S., Loyola University, 1957. History.
 Jane Ethel Ebey, B.A., Wheaton College, 1956. Education.
 Harriet Elise Engel, B.A., Northwestern University, 1957. Sociology.
 Jeannette Berenice Fasman, Ph.B., University of Chicago, 1928. Education.
 Carole Janice Fetz, B.A., Elmhurst College, 1957. Education.
 Jeremiah Floyd, B.S., Allen University, 1956. Education.
 Eloise Anne Franklin, B.S., Bradley University, 1959. Speech.
 Ralph William Franklin, B.A., University of Puget Sound, 1959. English.
 Barry Jardine Garner, B.A., University of Nottingham (England), 1958. Geography.
 Ouida Marie Gatter, B.A., Northwestern University, 1958. Education.
 Howard Lester Gauthier, Jr., B.S., Teacher's College of Connecticut, 1957. Geography.
 Barbara Seybold Greenlee, B.M.E., Northwestern, 1955. Education.
 Robert Ross Griffith, B.A., University of Oregon, 1957. History.
 Carl Joseph Hahn, B.A., Colorado Springs Bible College, 1956, B.D., No. Baptist Seminary, 1959. Education.
 Carol Lee Harneson, B.S., Syracuse University, 1960. Speech.
 Donald D. Harrington, B.A., Northern Illinois University, 1956. Education.
 Marilyn Joan Haskell, A.B., Scarritt College, 1956. Religion.
 Doris Elaine Henderson, B.S., University of Illinois, 1954. Education.

NORTHWESTERN UNIVERSITY

- David Clive Higgs, B.A., University of British Columbia, 1959. History.
 Karen Gertrude Hillman, B.Sc., London School of Economics, 1948. Sociology.
 John Edward Hinkle, Jr., B.A., Taylor University, 1955; B.D., Garrett Biblical Institute, 1959. Religion.
 Nancy Eve Houghtaling, B.A., Lake Forest College, 1959. English.
 Ada May Hubbard, B.A., Oklahoma College for Women, 1955. Speech.
 Charlotte Harrison Huggins, A.B., Radcliffe College, 1958. English.
 Ilse Lucia Jacobson, B.Ed., Pestalozzi-Froebel Teachers College, 1949. Education.
 Robert Marion James, Jr., B.A., Northwestern University, 1959. History.
 Jack Richard Jensen, B.A., Elmhurst College, 1958. Political Science.
 Beverly Jean Jones, B.A., Huron College, 1958. Speech.
 Florence Rochelle Joseph, B.S., University of Wisconsin, 1959. English.
 William Walter Joyce, B.A., Lawrence College, 1956. Education.
 Jeanette Mucha Kapustka, B.Ed., Chicago Teachers College, 1955. Education.
 Robert Arthur Kazmaier, B.A., Gannon College, 1956. English.
 John Howard Keiser, B.S. in Ed., Eastern Illinois University, 1958. History.
 Grace Elizabeth Khyber, B.A., Wayne University, 1950. English.
 Elaine Grace Koprowski, B.S., Loyola University, 1958. Speech.
 Margaret Jane Kotten, B.A., North Central College, 1955. Education.
 Robert Paul Krohn, B.S., Northwestern University, 1958. Education.
 Florence Sneddon Lamson, B.S., Pennsylvania State University, 1932. Education.
 Evelyn Davidson Landt, B.S. in Ed., Northwestern University, 1931. Education.
 Adrienne Maxine Lange, B.S., Northwestern University, 1959. Speech.
 Rubielee Eulalie Lawrence, B.S., Claflin College, 1955. Education.
 Norman Roger Lawson, B.A., Willamette University, 1953. Religion.
 James R. Leonard, B.A., University of Texas, 1955. Economics.
 Beverly Stransky Long, B.A., Nebraska State Teachers College, 1956. Religion.
 Paul Linder Love, A.B., College of Wooster, 1950; B.D., Louisville Theological Seminary, 1953. English.
 Rachel Lyman Luce, B.A., State University of Iowa, 1943. French.
 Norma Greene Lustig, B.S., University of Wisconsin, 1958. Education.
 Sandra Mary Marek, B.A., Mundelein College, 1959. Speech.
 Nancy McKiernan, B.A., Northwestern University, 1955. Education.
 Judy E. Meites, B.A., University of Michigan, 1959. English.
 Anne Vera Melcher, A.B., University of Illinois, 1934. Education.
 Robert Edwin Metz, B.A., Carleton College, 1959. English.
 Larry Carl Miller, B.A., Hunter College, 1958. History.
 Ted Harris Mitchell, B.S., University of Illinois, 1957. Education.
 William Charles Moody, B.S., Northwestern, 1959. Speech.
 Frederic Charles Mumm, Jr., B.S., Northwestern University, 1959. Speech.
 William Edward Munns, B.S., Illinois State Normal University, 1954. Speech.
 Jules Newman, B.A., Roosevelt University, 1950. Education.
 Jean Anne Norris, B.A., Western Michigan University, 1959. English.
 Barbara Manley Ohlson, B.A., Occidental College, 1957. Speech.
 Charles William Olson, B.A., Northwestern University, 1959. History.
 Kenneth Victor Oscarson, B.S. in Ed., Northwestern University, 1955. Education.
 Samuel Adeoye Osinulu, B.A., University of London, 1951. Classics.
 William Alfred Payne, B.S., Georgetown University, 1955. Anthropology.
 Inez C. Petersen, B.A., Wheaton College, 1937. English.
 Kenneth Morton Plant, B.A., Northwestern University, 1958. Economics.
 Helen F. Ritter, B.S., University of Chicago, 1940. Education.
 Philip Gordon Robaska, A.B., Northwestern University, 1957. Education.
 Charles Pierce Ruch, B.A., College of Wooster, 1959. Education.
 Mary Ann Ruhl, B.A., Michigan State University, 1955. Religion.
 James J. Scalamonia, B.S., Duquesne University, 1958. Economics.
 John Conant Schwegman, A.B., Hanover College, 1959. Classics.
 Sondra Sue Search, A.B., MacMurray College, 1959. Speech.
 James K. Skipper, B.S. in Ed., Northern Illinois University, 1956. Sociology.
 John Winston Smith, B.F.A., Drake University, 1948. Speech.
 Anthony McDonnell Smyth, B.A., Northwestern University, 1957. History.
 Elizabeth Amy Snodgrass, B.A., Baptist Missionary Training School, 1945. Religion.
 Joyce Sochen, A.B., University of Chicago, 1958. History.

ONE HUNDRED AND SECOND COMMENCEMENT

June Sochen, A.B., University of Chicago, 1958. History.
 Charleen Alice Stanger, B.S., Bob Jones University, 1958. Education.
 Oliver Otto Steinhaus, Jr., B.A., Central College, 1951; B.D., Garrett Biblical Institute, 1954. Religion.
 Suzanne Dorothy Stolberg, A.B., Florida Southern College, 1957. Education.
 Edwin Leroy Swanson, B.S., Northwestern University, 1959. Speech.
 Robert Leeming Thirkield, B.A., Wesleyan University (Conn.), 1958. Speech.
 Mildred M. Topinka, B.S., Northwestern University, 1956. Education.
 Thomas Arthur Tutko, B.S., Pennsylvania State University, 1958. Psychology.
 James Elliott Twyman, B.A., Northwestern University, 1957. Anthropology.
 Marion Elizabeth Urbach, B.M.E., University of Nebraska, 1954. Religion.
 Laura C. Vander Bloemen, B.S., Wisconsin State College, 1947. Education.
 James Hackett Walton, A.B., University of Notre Dame, 1959. English.
 Renee Weber, B.A., University of Pennsylvania, 1952. Philosophy.
 Sharon Iris Weisbach, B.A., University of Michigan, 1959. Speech.
 Guy Richard Welbon, B.S., Northwestern University, 1958. History and Literature of Religions.
 Herbert L. Zobel, B.S., Illinois State Normal, 1948. Geography.

MASTER OF SCIENCE

Doreen Ana Dahl Abeledo, Eq. bach., University of Buenos Aires, 1958. Physics.
 Norman Ray Adsit, B.S., Oregon State College, 1957. Metallurgy.
 Gopal Prasad Agarwal, B.S., University of Michigan, 1953. Metallurgy.
 Joseph Patrick Allgood, D.D.S., Northwestern University, 1953. Dentistry.
 William Parker Allman, B.I.E., New York University, 1959. Industrial Engineering.
 James Barrett Andrews, B.S., Northwestern University, 1950. Civil Engineering.
 Sezer Rifat Aykan, B.S., Robert College (Turkey), 1951. Civil Engineering.
 Howard Warren Bloomberg, B.S., California Institute of Technology, 1959. Mechanical Engineering.
 Robert B. Borucki, B.S., Northwestern University, 1949. Mechanical Engineering.
 Donald Patrick Brady, B.S., Loyola University, 1958. Physics.
 James Allan Cain, B.S.C., University of Durham (England), 1958. Geology.
 Song Shik Choi, M.D., Taegu Medical College (Korea), 1953. Pathology.
 Edgar Clark Conkling, B.A., Morehead State College, 1943; M.A., University of Chicago, 1957. Geography.
 Peter James Connaughton, M.D., Loyola University, 1955. Surgery.
 Walter Macklin Cox, B.S., Pennsylvania State University, 1957. Geology.
 John Dash, B.S., Pennsylvania State University, 1955. Metallurgy.
 Sergio Droguett, B.S., Universidad de Concepcion (Chile), 1952. Chemistry.
 Manuel Jose Cardozo Echandia, B.S., Louisiana State University, 1957. Civil Engineering.
 Allan George Conrad, B.S., Valparaiso University, 1958. Mechanical Engineering.
 Spyros Evnochides, B.Ch.E., University of Delaware, 1958. Chemical Engineering.
 William Templeton Fox, B.A., Williams College, 1954. Geology.
 Elisabeth Gantt, B.A., Blackburn College, 1958. Biology.
 William Gapp, B.S., Northwestern University, 1959. Industrial Engineering.
 Ronald John Gibbs, B.S., Northwestern University, 1957. Geology.
 Richard Eugene Heiney, B.A., Franklin College, 1955. Chemistry.
 William Sparkes Herman, B.S., Portland State College, 1958. Biology.
 Charles Kent Hitchcock, Eq. of B.S., Northwestern University, 1957. Dentistry.
 Gerhard Ambros Hofer, Dipl. Eng., Institute of Mining and Metallurgy (Austria), 1958.
 Kenneth Raymond Johnson, B.S.M.E., Duke University, 1952. Mechanical Engineering.
 Richard Clark Johnson, B.A., Middlebury College, 1958. Industrial Engineering.
 Robert George Johnsson, B.A., Northwestern University, 1958. Biology.
 John Raymond Jung, A.B., University of California, 1959. Psychology.
 Jao-Shiun Kao, B.S., Cheng-Kung University, 1957. Civil Engineering.
 Harry A. Kaupp, Jr., M.D., Temple University, 1956. Surgery.

NORTHWESTERN UNIVERSITY

James H. Kelley, B.S., Northwestern University, 1958. Mechanical Engineering.
 James Fant King, B.A., Northwestern University, 1955. Geology.
 Henry Louis Kohn, Jr., A.B., Harvard University, 1958. Metallurgy.
 Bruno John Kolodziej, B.S., Northern Illinois University, 1958. Biology.
 Robert Thomas Kostrzewski, B.S., Illinois Institute of Technology, 1956. Chemical Engineering.
 David Jerome Kuck, B.S., University of Michigan, 1959. Electrical Engineering.
 Eugene Paul Lautenschlager, B.S., Illinois Institute of Technology, 1958. Metallurgy.
 Lawrence Lewin, B.S., Newark College of Engineering, 1958. Mechanics.
 Irving Liberman, B.S., City College of New York, 1958. Electrical Engineering.
 Lloyd E. Matthews, B.S.E.E., Purdue University, 1949. Electrical Engineering.
 Francis Edward Milne, B.S. and B.A., University of Notre Dame, 1958. Chemical Engineering.
 Wilfred Joseph Minkus, B.S., Bradley University, 1948; B.E.E., Ohio State University, 1957. Electrical Engineering.
 Stewart Francis Musket, B.A., Columbia University, 1955; B.S., University of New Mexico, 1958. Chemistry.
 Jaming Pan, B.S., Taiwan Normal College, 1955. Physics.
 Mauri Pasanen, M.Sc., Helsinki Technical Institute, 1951. Civil Engineering.
 Charles E. Pax, B.S., University of Dayton, 1958. Mechanical Engineering.
 Vitorino Antonio C. L. Pinto, B.E., University of Bombay, 1955. Civil Engineering.
 Evelyn Marie Rau, A.B., Valparaiso University, 1958. Biochemistry.
 Shaikh Ardur Rawoof, B.E., University of Bombay, 1941. Civil Engineering.
 Jan Rem, Eq. bach., Tech. Institute of Delft (The Netherlands), 1958. Mechanical Engineering.
 Enrique Guzman Reynes, B.S., University of the Philippines, 1952. Chemical Engineering.
 Ronald Isaac Rothenberg, B.S., City College of New York, 1958. Chemical Engineering.
 Rosalind Brothers Schmitt, B.S., Northwestern University, 1950. Mathematics.
 James Edward Schueler, B.S., Valparaiso University, 1959. Civil Engineering.
 John Philip Shannon, Jr., B.A., Rice Institute, 1957. Geology.
 Grant Bradford Skelton, B.S., Northwestern University, 1959. Electrical Engineering.
 Elfriede Anna Specht, D.D.S., University of Munich, 1951. Dentistry.
 Daniel Steinhorn, B.S., Tufts University, 1959. Civil Engineering.
 Clarence H. Stewart, B.S., University of Kentucky, 1949. Electrical Engineering.
 Thomas John Stolki, B.A., Bradley University, 1958. Chemistry.
 Donatas Tijunelis, B.S., Purdue University, 1958. Chemical Engineering.
 Esen Yuksel Tokay, B.S., Robert College, 1957. Civil Engineering.
 Robert Kurt Wallor, B.S., Northwestern University, 1959. Physics.
 Gerald Charles Ward, B.S., University of Wisconsin, 1929. Civil Engineering.
 Solveig Cederloo Wenar, Diploma Socialinstitutet (Sweden), 1948. Psychology.
 Robert George Wolfson, B.S., Massachusetts Institute of Technology, 1954. Metallurgy.

MASTER OF SCIENCE IN DENTISTRY

George Howard, D.D.S., Northwestern University, 1955.
 Harold William Just, D.D.S., Northwestern University, 1952.
 Michael M. Krop, D.D.S., Temple University, 1956.
 John Albert Maddrell, D.D.S., University of Illinois, 1956.
 Daniel S. Meister, D.D.S., University of New York, 1956.
 Robert William Mutchler, D.D.S., Western Reserve University, 1955.
 Peter Hugbee Sanderson, D.D.S., University of Washington, 1955.
 Clarence Cyrus Witmer, D.D.S., Marquette University, 1958.

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Helen F. Rutledge

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Sandra Jeanne Joslin
Bonnie Jean Lappe

Andra Mae Lazorow
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§Edward Klein
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§Andrew George McMullen
§Richard Joseph Milo
§Lloyd O'Connell

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§Calvin Charles Raymond Petersen
§Peter Paul Povilus
†Harry Joseph Schmidt
§Horst Herbert Seipmann
†Carmen Sgarlata
§Lillian Shapiro
§Victor Joseph Shimanek
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June Marie Chandler
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Rosemary DeAngelis
Barbara Jean Delpire
Alice Marcella Dikszas
Charlyn Ann Elliott
Joyce Buchanan Gillen
Janet Glover
JoAnn Griess
Marjorie Florence Gustin
Cynthia Lea Hacker
Laurel Ann Hall
Sandra Lee Hankins
Patricia Joan Harriman
JoAnne Marie Haydon
Charlotte Marie Hecht
Karen Ruth Henriksen
Helen Roehm Honath
Carolyn Ruth Hopper
Virginia L. Howard
Joyce Ann Johnson
Susanna Ryman Knodt
Beth Elaine Kruithoff
Lynette Marion Langholff
Margaret June Larson
Suzanne Linda Lone
Barbara Ann Lorenz
Andrea Sue Lucke

Marjorie Jean Mayer
Margaret Jane Meiners
Judith Beverly Meinzer
Donna Rae Melin
Norma Barbara Meyer
Myrna Louise Moore
Carol Ann Nepereny
Gail Catherine Noldin
Judith Ann Parker
Judith Pavlovich
Mary Ann Pugh
Nancy Jo Quicke
Donna Lee Rhine
Sharon Lou Richards
Suzanne Lee Richmond
Sandra Kay Satterfield
Eleanor Belle Schlueter
Carol Ann Shedden
Betty Irene Smice
Joan LaMotte Smith
Phyllis Marie Sobers
Camille Susan Steehler
Juliann Stockmar
Mary Lee Swartz
Naomi Barbara Tanabe
Nancy Ann Thar
Karen Louise Trantow
Harlene Marilyn Uecker
Wilma Anne Von Hoffen
Glory Jean Wall
Sue Ann Wheelock
Lou Ann Yeast
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 Jane Marie Hollister
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 Gay Joan Seversike Lindquist
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 Sallie June McElroy
 Judith Raye Morey

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 Caroline Louise Scott
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Candidates Presented by DIRECTOR E. ELIZABETH GEIGER

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 Alice Sarah Beer
 Diane Ellen Benko
 Lorraine Shirley Bernklau
 Ann Berwick
 Janet Kay Ashley Bowen
 Sally Joan Brandenburg
 Luellen Joanne Burbank
 Delores Jean Bell
 Frances Ellen Chambers
 Amelia Claire Cicero
 Nancy Georgetta Classon
 Karen Lysbeth Atkinson Ciske
 Barbara Mae Conway
 Sarah Claire Cook
 Carolyn Joyce Dawson
 Judith Ann Day
 Mary Gerarda DeSchepper
 Isobel Brownlee Duncan
 Barbara Ann Eggert
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 Sarah Jane Evans
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 Jacquelyn Eve Fox
 Paula Ann Fox
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 Rhoda Kay Groulik
 Jeanne Alene Hanson
 Judith Ann Harting
 Elizabeth Lee Hayes
 Charlotte Beverly Smith Hecht
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 Phyllis Jean Holmes
 Sharon Kay Hutt
 Janice Fern Jack
 Carolyn Sue Jensen
 Kenlynn Elsie Johnson
 Benita Kalnmalis
 Nancy Ann Karsten

Judith Arlene Keim
 Judith Ann Hunter Keplinger
 Ruth Terese Landt Kingdon
 Claudia Mary Koziol
 Carol Louise Lakus
 Judith Ann Larson
 Gay Joan Seversike Lindquist
 Doris Ann Markel
 Barbara Jane Martie
 Janet Patricia McDonald
 Sallie June McElroy
 Rosemarie Meyer
 Judith Raye Morey
 Judith Anne Mueller
 Justine Schuyler Frazier Nagel
 Arlene Dorothy Nelson
 Gail Urvie Nissen
 Mary Ann Oliva
 Wilma Jean Pittelkow
 Dorothy Lois Kocher Porter
 Carol Marion Rawlinson
 Joanne Martena Reinhard
 Beverly June Resan
 Judith Adele Robbins
 Karen Shaw Hegburg Robison
 Marian N. Roth
 Meta Ruth Salisbury
 Karen Kay Schenk
 Carol Jeanne Schlacks
 Mary Katherine Schmeuszer
 Caroline Louise Scott
 Clarice June Sentman
 Barbara Jo Sheagren
 Jeanne Louise Sherwin
 Sally A. Smith
 Suzanne Esther Fick Smith
 Carol Jean Stanis
 Patricia Ann Stewart
 Dorothy Jean Stuppy
 Martha Eleanor Thomas
 Virginia Marie Tooke
 Mary Ann Turpin
 Barbara Jean Van Cura
 Sally Ann Vellenga
 Sharon Lee Dominic Willeford

NORTHWESTERN UNIVERSITY

PASSAVANT MEMORIAL HOSPITAL
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Judith Horner Archdale
Linda Rhoades Baumgartner
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Marilyn E. Heuser
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Candidates Presented by DIRECTOR MIRIAM D. RAND

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Dale Elaine Baumrucker
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Irene Carol Cox
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Jane Claire Descourouez
Susanne Lee Ellison
Joyce Marie Falk
Paula Jane Hanna
Sandra Rogene Harriman
Joann Buckley Hartley
Marilyn E. Heuser
Mary Ellen James
Linda Lee Johnson

Joell Ann Kerewich
Linda Sue Larsen
Esther Marie Merkel
Mary Jean Mitchell
Joanne Marianne Reczuch
Sandra Salzmänn Reddinger
Patricia Ann Shier
Mary Eleanor Siegfried
Suzanne Elizabeth Spletzer
Susan Collette Stein
Carol Ann Strom
Carol Summers
Barbara Ann Swanson
Marie McGann Talashek
Virginia Lee Taylor
Lois Helene Thompson
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Barbara Lea Youngs

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Orville E. Bakhaus
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Walter R. Ehrmann
Robert Friend
Harry J. Garbe
Oscar Gimenez
Michael J. Gregory, Jr.
James A. Gruentzel
Ralph E. Hanson
Charles L. Kirchberg
Ronald N. Kulikowsky

Barnett J. Longtin
Elmo J. Lyman
Patrick J. Maloney
Gregorio G. Perez
Morris Petryna
John L. Redden
Martin C. Reichenbecher
Jack Revill
James M. Rochford
William C. Rutledge, Jr.
Donald O. Stallins
Walter P. Stecko
Palmer Stinson
Fred W. Stoecker
Albert W. Swanson
Frank A. Zunno

DEGREES GRANTED

previously since June, 1959

Academic Year 1959-60

MASTER OF LAWS

Manmohan Lal Chaudhry, B.A., Commerce College, Delhi, India, 1950; LL.B.,
Faculty of Law, University of Delhi, India, 1956.

JURIS DOCTOR

Barbara Ann Bernstein
C. Jackson Darnall
Thomas William Dempsey
John Mercer Doyle
Herbert Ernst, Jr.
Joseph Gordon
Henry Sheldon Green
Howard Arthur Heidlauf
Robert Charles Hill
Henry Kastler

Arnold Marvin Lev
Richard Alan Loundy
Charles Barnard Marshall
Ronald Sandy Schwartz
Kie-Young Shim
Norman Albert Shubert
Ernest Daniel Simon
Robert A. Van Vooren
Charles Jay Witz

BACHELOR OF LAWS

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Howard Irwin Malkin

Michael Lang Morehouse
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BACHELOR OF SCIENCE IN LAW

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DOCTOR OF DENTAL SURGERY

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Lawrence Cluff Foutz
Maria Holecck
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Byron Thomas Sheffield
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BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Robert B. Brand

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NORTHWESTERN UNIVERSITY

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Glenn Robert Snyder

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BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Paul Arndt Humiston, Jr.
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BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

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Richard Kent Hedlund
James Wesley Hook
Edward J. Jennett, Jr.
John Laszlo Kerekes

Charles Malcolm Mackenzie
Suzanne Donna Motis
Edward T. Prell
William Edward Sharp
Robert E. Wulf

BACHELOR OF SCIENCE IN SCIENCE-ENGINEERING

Burt Olson Anderson
Lindsay Arthur Skinner

Frank Thomas Wimmer

Summer Session 1959

DOCTOR OF PHILOSOPHY

With Titles of Dissertations

- Se Hee Ahn, B.S., Chosun Christian University (Korea), 1951; M.S., 1954. Physics. *Protons from the 14 Mev Neutron Reaction with Zirconium.*
- Robert Jay Alperin, A.B., University of Chicago, 1950; A.M., 1952. Political Science. *Organization in the Communist Party, USA, 1931-1938.*
- Gary Robert Anderson, B.S., University of Minnesota, 1955; M.A., Northwestern University, 1957. Education. *An Examination of Residence Hall Counseling Programs for Men in Ten Selected Midwestern Colleges and Universities.*
- Allen Bales, A.B., University of Alabama, 1943; M.A., 1947. Speech. *A Study of Point of View in the Novels of Nathaniel Hawthorne.*
- Otto Frank Bauer, B.S., Northwestern University, 1953; M.A., 1955. Speech. *A Study of the Political Debate between Dwight D. Eisenhower and Adlai E. Stevenson in the Presidential Campaign of 1956.*
- Harvey Alan Bender, B.A., Western Reserve University, 1954; M.S., Northwestern University, 1957. Biology. *Studies on the Expression of Various Singed Alleles in DROSOPHILA MELANOGASTER.*

ONE HUNDRED AND SECOND COMMENCEMENT

- Cornelius Franklin Burk, Jr., B.Sc., University of Western Ontario, 1956. Geology. *A Regional Study of the Silurian Stratigraphy of Gaspé Peninsula, Quebec.*
- Peter Castro, B.S., Northwestern University, 1951; M.S., 1956. Electrical Engineering. *A Microwave Detector Using a Resistive-Wall Electron Beam Tube.*
- Chao-Tung Chen, B.S., National Taiwan University, 1950; M.S., Wesleyan University, 1955. Chemistry. I. *Dehydrocyclization of n-Heptane-1-C¹⁴ over Chromia-Alumina Catalysts.* II. *Dehydrocyclization of n-Octane-1-C¹⁴ over Chromia-Alumina Catalysts.* III. *Thermal Reactions of 5-Ethyl- and of 4,5- and 5,6-Dimethyl-1,3-Cyclohexadienes.*
- Edward Blair Costello, Ph.B., Loyola University, 1949. Philosophy. *The Problem of Evil in Plotinus, Leibniz and Aquinas.*
- Harm Jan de Blij, B.S., University of Witwatersrand, 1956; M.A., Northwestern University, 1957. Geography. *The Physiographic Provinces and Cyclic Erosion Surfaces of Swaziland.*
- Sherwood Forrest Ebey, B.A., Wheaton College, 1954; M.A., Northwestern University, 1956. Mathematics. *The Classification of Singular Points of Curves by Means of Their Complete Local Rings.*
- Aubrey Lester Forrest, B.A., Nebraska Wesleyan University, 1956; M.A., Northwestern University, 1958. Education. *The Use of Indigenous Information to Identify Potential Over- and Under-Achievers.*
- Herbert Lawrence Gaede, B.A., Valparaiso University, 1950; M.A., Northwestern University, 1951. Geography. *The Development of Water Power of the Middle Wisconsin Basin.*
- Robert Carl Geldmacher, B.Ed., Northern Illinois University, 1942; M.S., Purdue University, 1946. Electrical Engineering. *On Electro Thermo Mechanical Transients in Cylindrical Conductors Subjected to Axial Electric Fields.*
- Gerald Conrad Goeringer, A.B., University of Pennsylvania, 1955. Biology. *Modified Development of the Integument of Hypophysectomized Chick Embryos. I. The Epidermis. II. The Feather Germs.*
- Paul Gordon, B.A., Oberlin College, 1950; M.S., Northwestern University, 1958. Pharmacology. *Serotonin Interaction with the Adrenalines on Physiological Mechanisms.*
- Hugo Harris Gregory, Jr., B.S., Northwestern University, 1951; M.A., 1952. Speech. *A Study of the Neurophysiological Integrity in the Auditory Feedback System of Stutterers.*
- William Marshall Hamilton, B.A., Grinnell College, 1955. Chemistry. *The Catalytic Hydrogenation of Dimethylacetylene in the Vapor Phase.*
- Antoinette Picciano Hastings, A.B., Hunter College, 1953; M.S., Northwestern University, 1955. Biology. *Studies on the Taxonomy, Morphology and Reproduction of PODOPHYRA COLLINI Root.*
- Rupert K. Hohmann, A.B., Bethel College, 1949; M.M., University of Wichita, 1950. Music. *The Church Music of the Old Order Amish of the United States.*
- Richard M. Hurst, B.S., Purdue University, 1930; M.B.A., Northwestern University, 1949. Business. *Managerial Controls in an Industrial-Type Military Installation.*
- Kiyoshi Ikeda, B.A., University of Hawaii, 1950; M.A., 1955. Sociology. *Sources of Bureaucratization in Groups: A Study in the Theory of Complex Organizations.*
- Eleanore Marjorie Whitmore Jantz, B.S., Northwestern University, 1953; M.S., 1957. Psychology. *Avoidance Conditioning of Verbal Behavior as Related to Manifest Anxiety and the Hysteria-Psychasthenia Dimension.*
- Don D. Jester, A.B., Nebraska State Teachers College, 1949; M.A., Northwestern University, 1953. Education. *A Time Study of the Shorthand Transcription Process.*
- John Prescott Johnson, A.B., Kansas State Teachers College, 1947; M.S., 1948. Philosophy. *The Problem of Value Apprehension.*
- Frances Leland, B.A., Swarthmore College, 1954. Chemistry. *Correlation of Electronic Absorption Spectra and Structure of Polyenes Using a Delta Function Model.*
- Helen Pauline Grit Liebel, B.A., Brooklyn College, 1952; M.A., Northwestern University, 1953. History. *The Bourgeois Reform Movement in West Germany: Enlightened Bureaucracy vs. Enlightened Despotism in Baden, 1750-1792.*
- George L. McMichael, B.S., Northwestern University, 1950; M.A., 1955. English. *Minor Figure: A Biography of Octave Thanet.*

NORTHWESTERN UNIVERSITY

- Norman Miller, B.A., Antioch College, 1956; M.A., Northwestern University, 1957. Psychology. *Acquisition of Avoidance Dispositions by Social Learning.*
- Peter Johnson Morgane, B.S., Tulane University, 1948; M.S., Northwestern University, 1957. Physiology. *A Rhinencephalic Center Affecting Food Intake and Body Weight in the Cat.*
- James Kilford Neely, B.M., Birmingham Conservatory of Music; M.M., University of Texas, 1952. Music. *An Evaluation of Tests Given to Interrelate Intelligence, Aural Acuity and Musical Achievement for Purposes of Prognosis in Ear-Training.*
- Soji Nenno, B.S., Osaka University, 1947; M.S., 1952. Metallurgy. *Detection of Equilibrium Vacancy Concentrations in Aluminum.*
- Endrik Noges, B.S., Northwestern University, 1954; M.S., 1956. Electrical Engineering. *Control System Synthesis and Standard Design Forms.*
- Glenn Durland Paige, A.B., Princeton University, 1955; M.A., Harvard University, 1957. Political Science. *The Korean Decision: June 24-30, 1950.*
- John Lawrence Peterson, B.A., Grinnell College, 1951; M.A., Western Reserve University, 1952. Speech. *Masking by Narrow Bands of Noise in Various Types of Hearing Loss.*
- Louis Angelo Povinelli, B.S., University of Detroit, 1954; M.S., University of Kentucky, 1956. Mechanical Engineering. *The Spectral Theory of Turbulent Flame Propagation.*
- Howard Bernard Ruhm, A.B., George Washington University, 1955; M.A., University of Maryland, 1956. Speech. *Speech Discrimination in Low Frequency Noise.*
- Laurel Loren Schendel, B.A., North Central College, 1939; B.D., Evangelical Theological Seminary, 1942; M.A., Northwestern University, 1943. Speech. *A Study of the Articulation Ability of One Hundred and Two Educable Cerebral Palsied Adults and the Relationship Between Articulation Ability and Selected Factors.*
- Louis Leonard Skaletzky, B.S., University of Illinois, 1955. Chemistry. I. *An Iso-carbazole Synthetic Approach to Morphine.* II. *Diels-Alder Reaction on Alglyl-mercaptopoliquinones: A Route to Angularly Methylated Bicyclic Systems.*
- David Elmer Snyder, B.A., Valparaiso University, 1954; M.A., Northwestern University, 1956. Geography. *Urban Places and Passenger Transportation in Uruguay.*
- Dana F. Swick, B.S. in Ed., Ohio University, 1947; M.Ed., 1948. Education. *The Value of Multi-Sensory Learning Aids in the Teaching of Arithmetical Skills and Problem Solving—An Experimental Study.*
- Patricia Ann Thrash, B.S. in Ed., Delta State College, 1950; M.A., Northwestern University, 1953. Education. *Women Student Leaders at Northwestern University: Their Characteristics, Self-Concepts, and Attitudes Toward the University.*
- Tom Whitten Tillman, B.A., University of Oklahoma, 1954; M.A., 1955. Speech. *Masking by Narrow Bands of Noise in Normal and Impaired Ears.*
- Peter Veltman, A.B., Hope College, 1938; M.A., Western Reserve University, 1939. Education. *A Study of the Pre-Service and In-Service Training of Full-Time Teachers in Coeducational Protestant Church-Related Junior Colleges.*
- William J. Vullo, B.A., University of Buffalo, 1955. Chemistry. I. *The Acid Induced Rearrangement of 8-Isopropyl-1-Naphthoic Acid and 8-Isopropyl-5,6,7,8-Tetrahydro-1-Naphthoic Acid.* II. *An Investigation into the Nature of the Reaction of 8 Quinolineboronic Acid and Chloro-alcohols.*

MASTER OF ARTS

- Oyeyemi Ayotunde Salako Adejunmobi, A.B., Bennett College (Nigeria), 1958. History.
- Mary Jane Alt, B.S., University of Wisconsin, 1958. Education.
- Rose Marie Barbarossa, B.S., DePaul University, 1952. Education.
- Ralph Everett Beals, B.S., University of Kentucky, 1958. Mathematics.
- Philip Wesley Beilfuss, B.S., Northwestern University, 1957. Speech.
- Allan Richard Bishop, A.B., Calvin College, 1958. English.
- Mildred Jean Bloomquist, B.A., Knox College, 1958. Speech.
- M. Bernard Boff, B.A., St. Joseph's College, 1954. Economics.
- Mary Elizabeth Booker, B.A., University of North Dakota, 1956. Speech.
- Patricia Luther Boram, B.S., Trenton State College, 1956. Education.

ONE HUNDRED AND SECOND COMMENCEMENT

- Lois Elizabeth Bowman, B.A., Wheaton College, 1958. English.
 Henry S. Breitrose, B.S., University of Wisconsin, 1958. Speech.
 Bernhard Benjamin Bruhn, B.S., Northwestern University, 1953. Education.
 Bette L. Brunsting, B.A., Central College, 1956. Speech.
 Catharine Blue Calhoun, B.A., Queens College, 1958. English.
 Warren Cyrus Carberg, Jr., B.A., Boston University, 1957. English.
 Elizabeth W. Castles, B.S., University of Chicago, 1941. Education.
 Carolyn Ceirco, B.A., Southern Methodist University, 1952. Speech.
 Mildred Louise Cheadle, B.S. in Ed., Northwestern University, 1955. Education.
 Richard Alan Chrisman, A.B., Illinois Wesleyan University, 1953; B.D., Garrett Biblical Institute, 1958. Religion.
 Naoma Oleen Christianson, B.S., Northwestern University, 1957. Education.
 Carol Johnson Coffey, B.A., Augustana College, 1944. Speech.
 Patrick Owen Conlon, B.S., University of Illinois, 1958. Speech.
 William Jack Craig, B.S., Eastern Montana College, 1953. Education.
 Mary Genevieve Cullen, B.A., College of St. Francis, 1954. Education.
 Sharon Jo DeRose, B.S., Northwestern University, 1958. Speech.
 Bernard M. Desroches, B.L., University of Montreal, 1953. Speech.
 Clyde Alan Dille, B.A., Iowa State Teachers College, 1953. Mathematics.
 Noreen Marie Doran, B.A., St. Mary's of Notre Dame, 1951. Romance Languages.
 Margaret Frances Drucker, B.A., Smith College, 1950. Education.
 Peggy O'Neal Duke, B.S., Tennessee Agricultural and Industrial State University, 1950. Education.
 Cleopatra Stroger Dunning, B.S., Agricultural, Mechanical and Normal College (Arkansas), 1954. Education.
 Donald Fredric Duns, B.A., College of the Pacific, 1958. Speech.
 Eric Ultimius Edstrom, Jr., B.S., Northwestern University, 1958. History.
 Elsie Viola Ekstrom, B.S., University of Minnesota, 1957. German.
 June Carolyn Englekirk, B.A., Newcomb College, 1958. Romance Languages.
 William Henry Evans, B.S., Pennsylvania State Teachers College, 1951. Education.
 Elizabeth G. Evjen, B.S., University of Wisconsin, 1956. English.
 Berthold Thomas Fahey, B.A., St. Bonaventure, 1954. Speech.
 Roland Harvard Farrant, B.A., University of West Australia, 1943; B.A., University of Melbourne, 1949. Speech.
 Ruth Ann Finch, B.E., Wisconsin State College, 1950. Education.
 Janet Louise Fisher, B.A., Wellesley College, 1958. Mathematics.
 Jeanne M. Foley, B.A., University of Chicago, 1945. Psychology.
 Carolyn F. Fox, B.A., Western Michigan University, 1956. Speech.
 Nancy Jane Fry, B.S., Central State College (Oklahoma), 1940; M.R.E., Southwestern Baptist Theological Seminary, 1945. Speech.
 Ruth Dorothy Gavin, B.A., North Central College, 1943. Education.
 Eugene John Gehrig, S.B., Massachusetts Institute of Technology, 1946; S.M., 1948. Mathematics.
 Bernadine Gement, B.Ed., Wisconsin State College, 1943. Education.
 Jaroslawa Theodosia Gerulak, Ph.B., Siena Heights College, 1954. Art.
 Grace Madeline Giles, Ph.B., Northwestern University, 1947. Education.
 Joseph Harris Gillis, Jr., B.S., Northwestern University, 1956. Speech.
 Frank Walker Gilmer, B.A., University of Virginia, 1957. English.
 William Henry Goldman, B.S., Indiana State Teachers College, 1951. Speech.
 Luedesta Hadnott Graham, B.A., Bishop College, 1952. Speech.
 Joan Caroline Hajostek, B.A., Lawrence College, 1955. Education.
 Mary Martha Hamper, B.A., Aurora College, 1948. English.
 Vivian L. Hardman, B.A., Manchester College, 1954. Speech.
 Wayne James Harrison, Jr., B.S. in Ed., Kansas State Teachers College, 1950. Education.
 Alfred Roland Hecht, B.S., University of Illinois, 1956. Education.
 Robert Erwin Heinrich, B.A., North Central College, 1953. Education.
 Louis J. Hibbs, B.S. in Ed., Northwestern University, 1946. Education.
 Roland Arthur Hohne, Equiv. Bach., University of Tubigen, 1958. History.
 Carole Adele Holdsworth, B.A., Elmhurst College, 1958. Romance Languages.
 Doris Jean Humphrey, A.B., University of Kentucky, 1954. Education.
 Thomas Kenneth Jager, B.A., Blackburn College, 1957. Speech.
 Julia I. Jahant, B.S., Eastern Illinois University, 1956. Education.

NORTHWESTERN UNIVERSITY

- Louise C. James, A.B., Monmouth College, 1936. Education.
 Mamye W. Johnson, B.S., Jackson State College, 1951. Education.
 Titus Marion Karlowicz, Ph.B., Northwestern University, 1957. Art.
 Ethel James Kelly, B.S., Northwestern University, 1948. Education.
 Wylma R. King, B.S., Jackson State College, 1949. Education.
 Anna L. Klein, B.A., Hunter College, 1958. Speech.
 Margaret Jane Klemola, B.A., University of Illinois, 1948. Education.
 Claudia Compton Koenig, B.S., Hardin-Simmons University, 1949. Education.
 Nancy Kellum Kotler, B.A., University of Chicago, 1958. English.
 Elizabeth R. Kremer, B.A., Northwestern University, 1942. Education.
 Arnold Eugene Kroon, B.A., Calvin College, 1956. Education.
 Frederica Coerr Kuh, A.B., Swarthmore College, 1943. Education.
 Martin Marvin Kutnyak, B.S., University of Wisconsin, 1957. Speech.
 LaVerne Annette Larson, B.S. in Ed., Northwestern University, 1942. Education.
 Arthur Leibowitz, B.A., University of Connecticut, 1958. Speech.
 Lynne Liffshin, B.A., Northwestern University, 1958. Education.
 Arlene Anne Link, B.A., Northwestern University, 1958. German.
 Theodore Walters Loeppert, B.A., Shimer College, 1954; B.Mus., Northwestern University, 1957. English.
 Jeanne Marie Lortie, B.A., College of St. Scholastica, 1952. Speech.
 Mary Louise Mansell, B.A., Westminster College, 1958. Mathematics.
 Thomas Michael Markos, A.B., University of Notre Dame, 1950. Education.
 Elaine V. Martin, B.S., Wisconsin State Teachers College, 1956. Education.
 Noel Dean Matkin, B.A., University of Wichita, 1954. Speech.
 Margaret Ann McCormack, B.S., Indiana State Teachers College, 1957. Geography.
 James Louis McDonald, B.A., University of Notre Dame, 1958. English.
 Karen Jean McKie, B.S., Northwestern University, 1956. Speech.
 Barbara Ann Meisterheim, B.S.E., Northern Illinois University, 1956. English.
 Donald Gordon Meyer, B.A., Blackburn College, 1956. Economics.
 Marion Mills, B.A., University of Manitoba, 1946. Speech.
 Robert Samuel Moore, Ph.B., Northwestern University, 1955. Education.
 Mary McDonald Morris, B.S., Jackson State College, 1951. Education.
 Jacquelyn Adele Morron, B.S., State Teachers College (Pennsylvania), 1958. Speech.
 Suzanne S. Moss, B.A., University of Omaha, 1958. English.
 Joan Muir, B.A., Colby College, 1958. English.
 Violet Maria Munter, B.A., Augustana College, 1938. Education.
 Carolyn S. Mustoe, B.A., University of Wisconsin, 1945. Education.
 Marilyn Palon Mutchler, B.S., Moorhead State College, 1954. Education.
 Lydia Philora Naas, B.A., Wellesley College, 1958. Education.
 Robert Danhoff Naden, B.S., George Williams College, 1952. Education.
 Roderick Boyd Nash, A.B., Erskine College, 1958. Speech.
 Margaret Grace Neely, B.A., Lake Forest College, 1958. Speech.
 Theodore Delwin Noffs, L.Th., Lee College (Australia), 1952. Religion.
 Israel Opeyemi Ola, B.A., University of Minnesota, 1958. Political Science.
 Lucille Bertha Oldenburg, B.S., Eureka College, 1946. Education.
 Mary Flora Pearsall, B.S., Northwestern University, 1957. Speech.
 Joseph Smith Peery, B.S., University of Utah, 1935. Economics.
 Esther Pereyra, Equiv. of Bach., Teologica, Colegio Adventista de Chile, 1952. Romance Languages.
 Paul Frederic Perry, B.B.A., Southwestern University, 1954. Religion.
 Samuel James Petrie, B.S., Northern Illinois University, 1953. Education.
 Ruth Margaret Peyton, B.A., College of William and Mary, 1955. Art.
 LeRoy Herbert Pfund, B.S., Wheaton College, 1949. Education.
 Rosamond Sizelove Porter, A.B., MacMurray College, 1940. History.
 Edward Walker Prentiss, A.B., Evansville College, 1938. Education.
 Nicholas Joseph Raino, B.S.E., Northern Illinois State Teachers College, 1954. Mathematics.
 Anna Reasoner, B.S., University of Nebraska, 1949. Education.
 Theodor Paul Repsholdt, B.A., Baldwin-Wallace College, 1948. Education.
 Donald Carl Riechel, A.B., Columbia College, 1957. German.
 Jobie E. Riley, A.B., Manchester College, 1954; B.D., Bethany Biblical Seminary, 1958. Speech.

ONE HUNDRED AND SECOND COMMENCEMENT

- Alice Gretchen Rubovits, B. of Ed., National College of Education, 1951. Education.
- Jake LeRoy Ruffi, B.A., Western Michigan University, 1958. Speech.
- Frederick Killian Schulze, B.S., University of Wisconsin, 1958. Speech.
- John Isidore Sisco, B.S., State Teachers College (North Dakota), 1954. Speech.
- Marcia Irene Smith, B.A., Hamline University, 1940. Education.
- Dawn May Snyder, B.S., Wisconsin State College, 1954. Speech.
- Marvin Peter Sondalle, B.S., Northwestern University, 1953. Education.
- Freddie Lloyd Standley, A.B., West Virginia Wesleyan, 1954; B.D., Garrett Biblical Institute, 1958. English.
- Roy Morgan Stanley II, B.A., DePauw University, 1958. Geography.
- Arthur Henry Stolz, B.S., B.Ed., College of Puget Sound, 1949. Education.
- Maude Lewis Storr, B.S., Tuskegee Institute, 1950. Education.
- Geoffrey Lee Story, Jr., A.B., Birmingham-Southern College, 1955. Religion.
- Reid Warren Stroud, A.B., Asbury College, 1958. Speech.
- William R. Svec, B.S., Loyola University, 1956. Romance Languages.
- Joyce A. Timmerman, A.B., University of Rochester, 1958. Speech.
- Clinton David Tompkins, B.S., Northwestern University, 1958. History.
- Marie Grant Tulip, B.A., University of Queensland, 1956. Romance Languages.
- Myrtle W. Turner, B.S., Hampton Institute, 1951. Education.
- Rosa Marie Ulsh, B.A., Columbia College, 1954. Religion.
- Alice Fay VanCleave, B.S., Purdue University, 1956. Speech.
- Marilyn Dee VanHoozer, B.S. in Ed., Northwest Missouri State College, 1951. Education.
- Gladys Veguilla, A.B., Nazareth College, 1958. Speech.
- Mary Maitland Wappler, B.S., Northwestern University, 1958. Education.
- Nancy Jane Warnock, B.S., University of Maine, 1954. Education.
- Shirley Ann Waters, B.S., Chicago Teachers College, 1956. Education.
- Ann Elizabeth Watson, B.A., Hope College, 1952. Education.
- Ethel Sue Webb, B.S., Wisconsin State College, 1955. Education.
- Gertrude Harmeling Wezeman, B.E., University of Wisconsin, 1934. Education.
- Eunice O'Nita White, B.A., Southern University, 1949. Education.
- Joyce M. Wilhelmi, B.S., University of Wisconsin, 1957. Sociology.
- Sidney Clay Willmington, B.S., University of Wisconsin, 1956. Speech.
- Anthony William Wolk, B.S., Northwestern University, 1957. English.
- Leonora Becker Woodman, B.Ed., Chicago Teachers College, 1946. English.
- Elizabeth Louise Work, B.S., University of Illinois, 1933. Education.
- Marla Del Wright, B.S., Northwestern University, 1958. Speech.
- Nick Xerikos, B.A., University of Illinois, 1955. English.
- Helen Repp Zeitlin, B.A., Radcliffe College, 1954. English.

MASTER OF SCIENCE

- Abdu Mohamed Abdu, Equiv. bach. in Engg., University of Khartoum (Sudan), 1958. Civil Engineering.
- Julia Tutelman Apter, B.A., University of Pennsylvania, 1939; M.D., Johns Hopkins University, 1943. Physiology.
- Robert Edwin Ball, B.S., Northwestern University, 1958. Civil Engineering.
- Hayati Budak, Equiv. bach., University of Istanbul, 1950. Physics.
- Robert Byrne, B.S., Lehigh University, 1952. Chemical Engineering.
- Sheldon Arthur Cunningham, B.S., Texas Technological College, 1958. Chemical Engineering.
- Kanan Bihari De, B.S., University of Calcutta, 1951; M.S., Nagpur University, 1954. Pharmacology.
- James DeAcetis, B.S., University of Wisconsin, 1957. Chemical Engineering.
- Rosemarie L. Devine, B.A., University of Wisconsin, 1947. Biological Sciences.
- Herbert James Dix, B.A., Northwestern University, 1956. Civil Engineering.
- Robert Russell Foley, B.S., University of Cincinnati, 1951. Electrical Engineering.
- William McGuffey Fosdick, B.A., Denison University, 1956. Biochemistry.
- Earl Jerome Freise, B.S., Illinois Institute of Technology, 1958. Metallurgy.
- William Richard Fronk, B.S., Mt. Union College, 1957. Chemistry.

NORTHWESTERN UNIVERSITY

- Robert Gaebler, B.A., Ohio University, 1955. Psychology.
- Beth Garrison, A.B., Bryn Mawr College, 1944; A.M., University of Chicago, 1948. Mathematics.
- Robert Belanger Grieves, B.A., Northwestern University, 1956. Chemical Engineering.
- John Hannes Grimson, B.S., University of Illinois, 1953. Mechanical Engineering.
- William Samuel Groenier, B.S., Northwestern University, 1958. Chemical Engineering.
- George Dennis Haikalis, B.S., Northwestern University, 1958. Civil Engineering.
- John Patrick Henry, Jr., B.S., Gonzaga University, 1957. Chemical Engineering.
- Albert Lloyd Hensley, Jr., B.S., Indiana University, 1951. Chemistry.
- Branton Sharr Horton, B.S. in E.E., Milwaukee School of Engineering, 1958. Electrical Engineering.
- James Patrick Irving, B.S., University of Notre Dame, 1957. Chemical Engineering.
- Freerk Jaarsma, Equiv. bach., Technological University of Delft (Holland), 1958. Mechanical Engineering.
- Eunice Kanne, B.S., University of Minnesota, 1948. Geography.
- Eugene John Kazmierczak, B.C.E., Marquette University, 1956. Civil Engineering.
- William Howard Keltner, B.S., University of Wichita, 1958. Civil Engineering.
- Richard Ira Kermode, B.S., Case Institute of Technology, 1957. Chemical Engineering.
- Jaan Kiisalaas, B.E., University of Adelaide (Australia), 1956. Civil Engineering.
- David Erwin Kleiner, B.S., Valparaiso University, 1958. Civil Engineering.
- David Leo Krantz, B.A., Brooklyn College, 1957. Psychology.
- Emmanuel Lartey, B.S., London University, 1942. Civil Engineering.
- Allen Elwood Lentz, B.S., Albright College, 1957. Physics.
- Willard Gurnea Libby, B.S., Oregon State College, 1951. Geology.
- Robert George Lukas, B.A., Northwestern University, 1956. Civil Engineering.
- George Michael Mavrides, B.S., Illinois Institute of Technology, 1958. Electrical Engineering.
- Nan Elizabeth McGehee, B.S.Ed., Northwestern University, 1958. Psychology.
- William Roger Miller, B.S., Northwestern University, 1958. Industrial Engineering.
- Nadikerianda Subbiah Nanjappa, B.E., Mysore University, 1957. Industrial Engineering.
- ElRoy Nelson, B.S., University of Utah, 1958. Civil Engineering.
- George Lann Nemhauser, B.Ch.E., City College of New York, 1958. Chemical Engineering.
- James Albert Niffenegger, B.A., Northwestern University, 1956. Microbiology.
- Keica Nishie, M.D., Medical School, Brazil, 1956. Pharmacology.
- Prafulla Chaturbhat Patel, B.S., Gujarat University, 1958. Civil Engineering.
- Robert Harold Persellin, B.S., Northwestern University, 1952; M.D., 1956. Medicine.
- Edward Martin Phillips, B.S., Lafayette College, 1958. Chemical Engineering.
- Norman Elroy Rawson, B.S., Northwestern University, 1958. Chemical Engineering.
- Richard Wayne Renshaw, B.S., Washington State College, 1957. Civil Engineering.
- Richard Eugene Riccetti, B.S., University of Illinois, 1958. Chemical Engineering.
- Clarence Eugene Riser, B.S., University of Cincinnati, 1958. Civil Engineering.
- Bruce Byron Schimming, B.S., Northwestern University, 1958. Civil Engineering.
- Kenneth Albert Schneider, B.A., Northwestern University, 1955. Pathology.
- Johannes Friedrich Schwar, B.S., University of Stellenbosch, 1949. Civil Engineering.
- Manuel dos Santos Pinto Serrao, Equiv. Bach., University of Porto (Portugal), 1949. Civil Engineering.
- Marshall Sorkin, B.S., Roosevelt University, 1950. Chemistry.
- Howard John Stevens, B.S., Victoria University (England), 1957. Civil Engineering.
- Alejandro Vasquez, B.S., Instituto Politecnico Nacional, 1957. Electrical Engineering.
- Richard Currey Warder, Jr., B.S., South Dakota School of Mines, 1958. Mechanical Engineering.
- Michael Takong Wu, B.S., Oregon State College, 1957. Industrial Engineering.

BACHELOR OF ARTS

Patricia Ellis Asher	William Clarke Kinney
William Carl Brick	Robert Rhodes Lanham
Patricia Joanne Casey	Rochelle Liebling
Clarence Dean Creasy	Ralph William Lustgarten
Elizabeth Zieglschmid Cunco	Emelyn Crume Marshall
Claire Eleanor Danielak	Anne Goodkind Mayer
William John Davis	Dean Newell McFarland
Robert Leo Doherty	Marcia Ann Nieman
Sharlene Joanne Dolan	Edith Stone Olson
Roy Sylvester Fluhrer	Alan Wallace Perkins
Gail Helen Grube	Christopher Frederick Pfrommer III
Karl Ronald Hamady	Idelle Jackson Port
John Robert Hansen	Edward John Presto
William Hard	Lois Kapp Salans
John Alston Householder	William Reid Scally
Richard Shuman Huszagh	Nancy Sherman Smith
Diane Thomas James	Robert Lewis Stevens
Ronald Roy Johnson	John Constantine Trebellas
Gilbert Simon Karton	John VanCranebrock
Ronald James Kelly	Grace Gayle Younger
William Drennon Kimpton	

BACHELOR OF PHILOSOPHY

Bernard D. Alexander	George John Schaffer
Jacqueline Beu	Sally Massey Selph
William Joseph Carton, Jr.	

BACHELOR OF SCIENCE IN GENERAL EDUCATION

Ronald W. Dell	James H. Frayser
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MASTER OF LAWS

Sevinc Ayse Ercman, M.A.L., Istanbul University Law Faculty, 1956.
 Kazuomi Ouchi, B.A., Seinan Gakuin University, Japan, 1954; LL.B., Chuo University, Japan, 1957.

BACHELOR OF SCIENCE IN LAW

Ernest Louis Wojcik

DOCTOR OF DENTAL SURGERY

Jay Archie Aldous	Howard Koichi Miyamoto
Amos Paul Brown	Barney Ray Nielson
Marvin Buff	Louis Paulos
Franklin Chan	Arthur Campbell Post
Nathan Max Dinte	Kay Thomas Reese
David G. Fleetwood	Samuel Taiji Sakamaki
Neil S. Karren	David Myers Smith
Lloyd William Lange	Ralph Edward Stowell, Jr.
Dale Harold Larson	Thomas A. Tully
Frank C. Liu	William J. Van Drunen
Paul David Lynch	

NORTHWESTERN UNIVERSITY

MASTER OF MUSIC

William Russell Adece, B.M.E., Northwestern University, 1952.
Nancy Elizabeth Anderson, B.A., Lake Forest College, 1953.
Richard Walter Angeletti, B.S., Wisconsin State College, 1956.
Ben Edward Bailey, B.S., Jackson College, 1954.
Irwin Wallace Bell, B.M.E., Wheaton College, 1955.
Richard David Billingham, B.M., American Conservatory of Music, 1957.
Loren William Binford, B.M., Northwestern University, 1958.
Evelyn Louise Bray, Diploma, Royal Conservatory of Music, University of Toronto, 1936.
Sister Mary Geneva Buckley, B.M., Rosary College, 1951.
Lee Bradley Burswold, B.M., Northwestern University, 1957.
Mary Alicia Carey, A.B., Whitman College, 1958.
Earl LeRoy Clemens, B.P.S.M., Mount Union College, 1949.
Thomas Clifton Doran, Jr., B.M., Northwestern University, 1957.
Phyllis Madeline Froker, B.M., MacPhail College of Music, 1933, 1954.
Charlotte Lucille Gackle, B.M.E., Northwestern University, 1955.
Mary Anne Gittins, B.M., Northwestern University, 1958.
Everett Erwin Grace, B.M.E., Northwestern University, 1955.
Elinor Mae Hanson, B.M. in Ed., University of Nebraska, 1951.
Robert Meriweather Henry, B.M.E., Northwestern University, 1956.
Jack Leslie Herriman, B.A., University of Kansas City, 1956.
Koeta Lefler Jacobs, B.S. in Ed., Western Illinois State Teachers College, 1955.
Donald Wayne Johnson, B.M., Drury College, 1950.
Jón Sigurdsson Jónsson, Equiv. B.M., Music School of Reykjavik, 1956.
Margaret Ruth Kemna, B.M.E., Northwestern University, 1957.
Elsie Jane Machnek, B.M.E., Valparaiso University, 1958.
Sarah Elizabeth Mallard, B.S. in Mus. Ed., Georgia State College for Women, 1947.
Lucy Ellen Marshall, B.S., George Peabody College for Teachers, 1954.
Garreth Morton McDonald, B.M. in Ed., University of Nebraska, 1949.
James Girton Miller, Jr., B.S., Pennsylvania State University, 1956.
Lloyd Murl Miller, B.M., Washburn Municipal University, 1949; B.M.E., University of Wichita, 1951.
Marshall King Moss, B.A., Carroll College, 1958.
Nancy Hedstrom Nelson, B.M., Northwestern University, 1958.
Betty Williams Peck, B.M., Hendrix College, 1947.
Sister Mary Susanne Prebilib, B.A., College of St. Scholastica, 1942.
Arthur Lee Preuss, B.S. in Ed., Concordia Teachers College, 1954.
William Mercur Rees, B.S., State University of New York, Teachers College at Fredonia, 1955.
John Steele Ritter, B.M., Curtis Institute of Music, 1958.
Dolnye Mary Emily Robinson, B.S. in Ed., Jackson College, 1948.
Kenneth Wayne Semmann, B.S., Concordia Teachers College, 1955.
David Lutz Thorburn, B.M., Northwestern University, 1958.
Neal Edwin Widder, B.S.E., University of Arkansas, 1953.
John Floyd Wilson, B.M., American Conservatory of Music, 1955.
June Elaine Zachow, B.M., Lawrence College, 1953.

BACHELOR OF MUSIC

Emma Jean Hudson
Arthur David Krehbiel

Hugh Michael Skarry, Jr.
Carole Geraldine Smith

BACHELOR OF MUSIC EDUCATION

Elva Joan Barabash
Dorothy Lorene Johnson

Richelle Brenner Lisse

ONE HUNDRED AND SECOND COMMENCEMENT

MASTER OF BUSINESS ADMINISTRATION

- Don Victor Berry, A.B., Wheaton College, 1956.
 *Dawson Ezra Brewer, B.S. in Ch.E., Northwestern University, 1958.
 Stacy Clinton Campbell, A.B., Colgate University, 1958.
 Robert Allen Carothers, Jr., A.B., Grinnell College, 1958.
 Charles Francis Caufield, B.S.C., Loyola University, 1958.
 Clyll Webb Crockett, B.S., Brigham Young University, 1958.
 Joseph Edward Dister, B.S.B.A., Northwestern University, 1957.
 *Charles Robert Enever, B.Sc. (Econ.), University of London (England), 1952.
 Donald Edward Findley, B.A., Carleton College, 1955.
 Richard Arthur Gatehouse, B.A. (Bus. Admin.), College of William and Mary, 1956.
 Frederick Gordon, B.B.A., University of Michigan, 1958.
 John Stewart Gude, B.S. in Business, Indiana University, 1958.
 James Thomas Hewitt, B.S., University of Notre Dame, 1956.
 John Englehardt Hill, B.S. in B. & E., Illinois Institute of Technology, 1958.
 James William Humphrey, B.S.B.A., Northwestern University, 1956.
 Adolph Terry Knueppel, B.S.B.A., Northwestern University, 1958.
 John Richard Koucky, B.S. (Metallurgical Engineering), University of Illinois, 1957.
 Lester John Lambert, B.S.C., Loyola University, 1955.
 Alan Malkus, B.A., University of Chicago, 1958.
 Donald Mazukelli, S.B., University of Chicago, 1955; S.M., 1956.
 Dallas Carl Mitchell, B.S., Brigham Young University, 1958.
 Robert Sheldon Moe, B.B.A., University of Minnesota, 1956.
 Barry Howard Mogul, A.B., Oberlin College, 1958.
 John Ellsworth Nelson, B.S.B.A., Northwestern University, 1957.
 Rudolph Robert Nessel, B. of Mgt. Engr., Rensselaer Polytechnic Institute, 1958.
 Lawrence Alva Newland, B.S. (Bus.), University of Colorado, 1958.
 Glenn Wayne Pirrong, B.A., Lawrence College, 1954.
 William Allen Quam, B.S., Bradley University, 1958.
 Paul Alva Radcliffe, B.S. in Elec. Eng., Case Institute of Technology, 1951.
 John Donald Roethle, B.A., Loras College, 1958.
 Edward Maurice Runyon, B.S. in Com., Texas Christian University, 1958.
 Richard Henry Segil, B.E., Yale University, 1958.
 *Cyrus Walter Spurlino, B.S. in M.E., Northwestern University, 1958.
 Jon Goodall Symon, A.B. in Economics, Stanford University, 1957.
 Timothy Henry Ubben, B.A., DePauw University, 1958.
 Howard Urow, B.S.E. (Ind.E.), University of Michigan, 1958.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Evanston Division

William Broughton Allbright	Robert Dickson MacDonald
Richard Thomas Baumeister	Terry Allen McRight
Paul Lawrence Borvig	Dan Edward Neidballa
Edwin Best Bosler	Gerald Dean Olson
John Theodore Chuhak	Robert Mills Olson
John Scott Davidson	Milton Russell Pilling
Thomas Delos Drain	Ronald Douglas Reading
Herbert Williams Gullquist	Richard Edwin Rickman
Frederick Douglas Iwans	Jay Covington Smith
Melvin Alfred Jusich	John Richard Thompson
Donald Miller Kunkel	

Chicago Division

Merwyn Arthur Marshall Arche	Charles William Weise
William Henry Gant	Robert Duncan Wood
Merle Leo Schultz	

*With Distinction

NORTHWESTERN UNIVERSITY

BACHELOR OF BUSINESS ADMINISTRATION

George Batalis
Richard McMillan Deitz

Thales Kaster
Albert Floyd Lesko

BACHELOR OF SCIENCE IN SPEECH

Velda Kay Carter
Zoe Helen Collins
John Carl Condon, Jr.
Mencye Viola Foster
Betsy Jean Furgerson
John Irving Goodman
John Lamar Hilton
Marlin Roger Hochstetter

Margaret Injasoulian
Jack Stubblefield Johnson
Donna Gertrude La Vezzorio
Alan Collins Levally
Arthur Allan Paul
Janet-Ann Schumacher
Leanne Bloom Taylor

BACHELOR OF SCIENCE IN EDUCATION

Benita Lee Bayer
Mary Higginbotham Beaven
Evelyn Katsuko Fujiwara
Patricia Steinberg Gerbie
Gloria Diane Gustafson
Cynthia Haram
Judy Stamler Heyman
Judith Ann Johnson
Richard Lee Johnson
Chester Jur
Elaine Marie Kirkman

Edith S. Orr
Rubena Leona Pankratz
Spero Pastos
Frances Joyce Plonka Burnett
Joan Evangeline Poulos
August Roy Salemi
Mary Eleanor Schlichter
Jack Richard Siatta
William Charles Wallace
Carol Isabelle West
Sue Ann Whatmore

MASTER OF SCIENCE IN JOURNALISM

Mervin Judah Block, Ph.B., Northwestern University, 1955.
Robert Bradner, B.A., Yale University, 1953.
Lee J. Corkill, Jr., B.A., St. Mary's University of San Antonio, 1950.
Martin Leroy Gibson, Jr., B.A., North Texas State College, 1955.
Henry Eugene Holmquist, B.S. in Journalism, Northwestern University, 1956.
John Fredrick Jansson, B.A., University of Iowa, 1958.
Nancy Carol Jones, B.A., University of Pittsburgh, 1956.
William Joseph Owens, B.S. in Journalism, Northwestern University, 1958.
Gregory David Scheuermann, B.S., Fordham College, 1954.

BACHELOR OF SCIENCE IN JOURNALISM

Beverly Jean BySura
Eleanor Barnett Harris
Mary Josephine Hodges
Julian Charles Leone

Ronald Junki Nakayama
Nannette Otthofer
Ogden Brower Talbot

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Arthur Erling Ritter

ONE HUNDRED AND SECOND COMMENCEMENT

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

William Dale Baughman
Charles Allen Berner

Lawrence Ray Lovercheck
Donald Edward Moes

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Timothy Powys Carlson

David Owen Rickson

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Peter Lackowski

Paul Alvin Timmermann

BACHELOR OF SCIENCE IN SCIENCE-ENGINEERING

Franklin D. Myers

Robert Kurt Wallor

DIPLOMA IN BUSINESS

§Walter Hubert Matczak

§Arthur Paul Schmidt

§To receive the Sixty-Hour Diploma in Business

PRIZES AND HONORS

ALL-UNIVERSITY PRIZES

THE JOHN B. KIRK PRIZES IN ORATORY: R. Roger Majak (first), Michael S. Strah (second), Mary N. Huygens (third)

MILTON S. FLORSHEIM PRIZES FOR DEBATE: Dennis R. Hunt, Lee W. Huebner, John C. Lehman, John C. Roberts, Donald R. Steinle

CUMNOCK DEBATE PRIZES: David M. Ebel, Michael S. Strah, David A. Copus, Bruce W. Lyon, Gary W. Hobart, Robert E. Cooper

AGNESS LAW DEBATE PRIZES: Kay Felt, Carol Gay Miller

NORTHERN ORATORICAL LEAGUE CONTEST: Michael S. Strah

HARDY SCHOLARS

In the Graduating Class—Undergraduate

Eldon W. Lanning
Four Year Scholar
Varsity Debate, four years
Florsheim Debate Award
Delta Sigma Rho
Student Congress Convention Co-chairman

John C. Lehman
Four Year Scholar
Varsity Debate, four years
Florsheim Debate Award
Delta Sigma Rho
Deru, Secretary
Student Member, Council on Undergraduate Life
Student Governing Board
Chairman, SGB Hoover Commission

In the Graduating Class—School of Law

Richard Newell Flint, 1957-60
(3 years)
Article and Review Editor, *Northwestern University Law Review*

Charles Barnard Marshall, 1957-60
(2½ years)

Michael Irwin Miller, 1957-60
(3 years)
Associate Editor, *Northwestern University Law Review*

Clarion DeWitt Hardy Scholars in School

Undergraduate

Dennis C. Adam
David M. Ebel
Richard D. Kirshberg
Bruce J. Lyon
John W. McCulloch
Donald R. Steinle
Michael S. Strah

School of Law

William M. Barvick
Thomas W. Brunner
G. Daniel Carney
Alan G. Kimbrell
Stephen Mrkvicka
Richard G. Rademacher
Berton S. Sheppard

ONE HUNDRED AND SECOND COMMENCEMENT

THE COLLEGE OF LIBERAL ARTS

BONBRIGHT SCHOLARSHIP: Donald Wayne Hauger

MARCY SCHOLARSHIP: Sandra Janet Mahler

JAMES SCHOLARSHIP: Steven Howard Star

HEARST SCHOLAR IN HISTORY: Steven Howard Star

SHUMAN SCHOLARSHIPS: James P. Conway, Thomas N. Moffett,
Dwayne L. Thorpe

PHI BETA KAPPA

Class of 1960

Sue Anne Baldus	Johanna Bliss Karsten
Eleanor Anne Bruce	Leona Breit Kraus
Richard Alan Carhart	Jay Martin Lebowitz
Susan Merle Chudacoff	Sandra Janet Mahler
Eugene Mark Cooper	Martha Jeannine Mohl
Constance Leonore Cryer	Winfred L. Morris
Walter Fossum Davidson	William Herman Oswald
Ronald Royce Dawe	Nancy Janice Persons
Adele Forrest	David Isaac Rubin
Patricia Carpenter Frank	Joel Gerald Sacks
Catherine Anna Smith Froman	Steven Howard Star
Frederic Alan Harris	Charles Stepkin
Donald Wayne Hauger	Jacqueline Dene Strunk
Myrna Resnick Helfand	Karl Elmer Tomm
Donald Robert Kaplan	Cynthia Anne Willis

Class of 1961

Robert Gordon Claypool	Ronald Wayne Sturm
Lila Jean Lee	Dean Gates Taylor
Richard Selden	Stephen Harvey Zinner

ALPHA SIGMA LAMBDA

Mabel Dash	Anna Plaiske
Margaret Firebaugh	William L. Scott
James Houda Jr.	Robert Spitz
Martin Karan	Lurene K. Stone
Rose O'Neil	

THE SCHOOL OF MEDICINE

LESLIE BRAINARD AREY (PHI BETA PI) AWARD: Jean Alice Kronholm

FREDERICK H. RAWSON, JR., SCHOLARSHIP: Michael Victor Herman

PHI RHO SIGMA AWARD: Albert Dallas Newcomer

ALPHA OMEGA ALPHA

Courtney LeRoy Anthony, Jr.	Leonard Howard Naiman
Maurice Barancik	Albert Dallas Newcomer
Thomas William Braun	Bruce Whiteman Parker
Richard William Campbell	Donald Lee Parker
Paul Contorer	Norman Lawrence Potesman
William Wallace Douglas	Robert Lee Rosenfield
Edward Light Goldblatt	Robert Basil Scheidt
Avram Abba Jacobson	Ronald Arthur Semerdjian
Henry Stern Loeb	Lawrence Stuart Sturman
Bernard Dale Martin	Sheldon Jerome Thorrens
Philip Raymond McGuire	Stephen Burtis Webster

NORTHWESTERN UNIVERSITY

THE SCHOOL OF LAW

LOWDEN-WIGMORE PRIZE: Legal Publications Members: Richard Newell Flint (first), Matthew Beemsterboer (second), Edwin Bruce Mishkin (third); Moot Court II: Wayne Kastl (best individual oral argument), George Googasian (second best individual oral argument), Joe Costanza and Carl Kustin (best brief)

WIGMORE KEY: Jerry M. Reinsdorf

ORDER OF THE COIF

Richard Newell Flint
Marvin Sheldon Helfand
Michael Irwin Miller
Edwin Bruce Mishkin

Lee Alexander Monroe
Jerry Michael Reinsdorf
Allan Gerald Sweig

THE SCHOOL OF DENTISTRY

OMICRON KAPPA UPSILON

James Duane Ashman
Thomas Marshall Darden
Charles Kent Hitchcock
Gary Leonard Johnson
Melvin Keith Knight

Bernard Charles Marker
Robert Edward McFerran
Charles Robert Munns
Phillip Harold Spencer
Martin Lee Strauss

SIGMA PHI ALPHA

Joanna L. Dillery
Bonnie Jean Lappe

Barbara A. Walinski

THE SCHOOL OF MUSIC

ASSOCIATE ALUMNAE SCHOLARSHIP: Janet Lea Brazier

CARL MILTON BEECHER FUND SCHOLARSHIP: Ralph James Votapek

WILLIAM T. FARICY AWARD FOR CREATIVE MUSIC: Jón Sigurdsson Jónsson

WADE FETZER AWARD FOR EXCELLENCE IN PERFORMANCE: Ralph James Votapek

WADE FETZER FUND SCHOLARSHIP: Sandra Louise Sizer

EDWIN B. GARRIGUES FOUNDATION SCHOLARSHIP: Cecil Barley Wilson

DOROTHY CRANE MAXWELL PRIZE FOR EXCELLENCE IN OPERA: Kay Griffel

GERALD OWEN McDONALD AWARD FOR EXCELLENCE IN CHAMBER MUSIC:
Sandra Louise Sizer

MU PHI EPSILON CHICAGO ALUMNAE SCHOLARSHIP: Barbara Eileen Maslow

CORINNE FRADA PICK MUSIC SCHOLARSHIP: Ralph James Votapek

SIGMA ALPHA IOTA DEAN'S AWARD: Sandra Louise Sizer

SIGMA ALPHA IOTA HONORS CERTIFICATE: Alice Ann Schoeller

WINNETKA MUSIC CLUB SCHOLARSHIP: Alice Ann Schoeller

ONE HUNDRED AND SECOND COMMENCEMENT

PI KAPPA LAMBDA

Richard Walter Angeletti	Anna Kathryn Petrashek
Marian Green Bailey	John Steele Ritter
Janet Lea Brazier	Dollye Mary Emily Robinson
Mary Alicia Carey	Alice Ann Schoeller
Gail Beverly Cheetham	Kenneth Wayne Semmann
Camille Yvonne Crunelle	Sandra Louise Sizer
Charles David Harris	Ralph James Votapek
Daniel Lehman Hinderman	Robert Eugene Wade
Denis Carmen Moreen	Cecil Barley Wilson
Bruce Norbert Morrison	Carol Kuhlber Wright
Betty Williams Peck	Philip Emerson Wyse

THE SCHOOL OF BUSINESS

Graduate School of Business Administration

BETA GAMMA SIGMA

Dawson Ezra Brewer	Thomas William Hoya
Robert Andrew Bryer	Frank Ernest Johnson
Paul Craig Bucy	Carl Guinn Koch
Edward Joseph Campbell	William Thompson McConnell
Rudolf Carl	Dallas James Photopoulos
Archie Clarence Dalton	Thomas Craig Richey
Herbert George Eck, Jr.	Cyrus Walter Spurlino
Charles Robert Enever	

Evanston Division

James Richard Bergdahl	George Basil Javaras
Paul Alan Brown	Paul Frederick Jessup
Tom J. Cowley	Kenneth Walter Kozak
Burton Earl Glazov	Harvey Jay Olsher
Frank Charles Gorom III	Richard August Schumacher
John Philip Gould, Jr.	George Thrane Van Valkenburgh
Stanley Joseph Gradowski	

HOSPITAL ADMINISTRATION

MALCOLM T. MAC EACHERN AWARD: John Poague Perry

MARY H. MC GAW AWARD: Lawrence B. Dillehay

AMERICAN SURGICAL TRADE ASSOCIATION AWARD: Peter Marcus Fronizer,
Robert Lee Harris

FRED GECK AWARD: Francis J. Blaise, David Walter Stickney

THE SCHOOL OF SPEECH

- LOVEDALE SCHOLARSHIP: Lilla Heston
 PHI BETA SCHOLARSHIP: Susan Pfeffer
 JUNIOR SCHOLARSHIP: Linda E. Geifman
 SOPHOMORE SCHOLARSHIP: Andrew Pansic, Jr.
 EDGEWATER DRAMA STUDY CLUB SCHOLARSHIP: Claris M. Nelson
 EVANSTON DRAMA CLUB SCHOLARSHIPS: Jerry H. Ziesmer, R. Stuart Hagmann, Sarajane Levey
 DELTA ZETA SCHOLARSHIP: Priscilla J. Lord
 WIND RADIO SCHOLARSHIP: Kurt A. Henschen
 WINIFRED WARD PRIZE FOR EXCELLENCE IN CHILDREN'S THEATRE: Thomas F. Carpenter
 MARY PETERSON GILBERT ('97) PRIZE: James W. Harff
 LUCIA MAY WIAINT AWARD: Judith Owens
 RALPH DENNIS PRIZE FOR SONNET READING: Vance Jefferis
 INTERPRETATION HONORS: Ann B. Fraser, Anita Beth Gordon, A. Kent Gravett, Mark S. Klyn
 PUBLIC SPEAKING HONORS: Richard D. Kirshberg, Eldon W. Lanning
 RADIO, TELEVISION, AND FILM HONORS: Service Award: David L. White; Writing: Richard S. Kahlenberg; Announcing: Thomas R. Lawrence; Production: Robert W. Thomas, Robert A. Ravitz, Thomas G. Smith
 AUDIOLOGY HONORS: Ann Hickerson (Graduate); Pamela Miller (Undergraduate)
 LANGUAGE PATHOLOGY HONORS: Roland H. Farrant (Graduate)
 SPEECH PATHOLOGY HONORS: Shirley Shapiro (Graduate); Sheila Sered Gideon (Undergraduate); Honor Member of Sigma Alpha Eta: Laura Monarch
 SPEECH EDUCATION HONORS: Janet M. Allison, John K. Boaz, Susan E. Kolodin, Rachel N. Stempel, Elizabeth B. Wehde; Zeta Phi Eta Award for Outstanding Achievement: Carol H. Rasmussen
 THEATRE HONORS: Acting: Paula C. Ragusa, Richard A. Benjamin, Vance Jefferis; Directing: Marshall W. Mason; Service Award: R. Stuart Hagmann

ONE HUNDRED AND SECOND COMMENCEMENT

THE SCHOOL OF EDUCATION

PI LAMBDA THETA

Elizabeth Alcott	Florence Lamson
Katherine Amunrud	Evelyn Landt
Ruth Anderson	Alice Lane
Carol Tyler Bowes	Lola June May
Glendoris Caauwe	Mary Medintz
Mildred Cheadle	Ruth Milner
Mabel Dash	Nancy Mink
Dorothy DeBoer	Ruth Ann Rakow
Kathleen Drummond	Lucille Rees
Margaret Duncan	Helen Ritter
Jane Ebey	Frances Robinson
Marie Fleig	Thelma Rolph
Ouida Gatter	Carol Rotstein
Marlene Greenberg	Marilyn Scadron
Frances Gutman	Betty Stubblefield
Doris Henderson	Gladys Swanson
Arlene Holmes	Marilyn Van Hoozer
Hsio Hsia	Sister Marie Rita Waldon
Louise James	E. Sue Webb
Marcia Stein Kaplin	Judith Anne Weigand
Wilhelmina Kaupe	Adelaide Winston

PHI DELTA KAPPA

Kenneth Case Allen	Thomas Mark Parker
Bernhard Benjamin Bruhn	Philip Gordon Robaska
LeRoy Arthur Carbonneau	Gary Richard Smith
Carl Joseph Hahn	Vernon Howard Stinebaugh
Guenther F. Kolb	Victor Charles Dye
John Fred Kourmades	John Paul Eddy
James Edward Lightner	Donald Frye
Ray B. Loeschner	Robert M. Needham
Richard Thaddeus Miya	Charles Pierce Ruch
Donald A. Paluch	

THE MEDILL SCHOOL OF JOURNALISM

HARRINGTON MEMORIAL AWARDS: Advertising-Journalistic Management
Field: Richard Alan Marseille. Magazine Field: Robert Bradner.
News-Editorial Field: Mervin Judah Block. Television and Radio
Field: Peter Brown Ballou.

DOROTHY CARLYLE AWARD: Margaret Carol McAllen.

SIGMA DELTA CHI CITATION OF ACHIEVEMENT: Wayne Keith Nelson

SIGMA DELTA CHI SCHOLARSHIP AWARDS: Michael Barkun; Lenore Spear
Reif; Mack Mercer Stahl; Valerie Weeks.

BASTIAN MEMORIAL AWARDS: Robert V. McKnight; Boris Weintraub.

BORDEN SCHOLARSHIP AWARD: Brian Grant.

NORTHWESTERN UNIVERSITY

KAPPA TAU ALPHA

Michael Barkun
Robert Bradner
Patricia Helen Endress
Frances Iva Hill

Richard Alan Marseille
Robert V. McKnight
Valerie Weeks

THE TECHNOLOGICAL INSTITUTE

OVID W. ESHBACH AWARD: Richard Arthur Volz; Honorable Mention:
Stanley John Rudnick, Jr., Ronald J. Zeman

TAU BETA PI

John Duane Applegate
Edwin Drake Ballard, Jr.
Henry Louis Bertoni
Robert Burnham Brand
James Weld Davis
James E. Fanning
Jay William Feldmann
Robert Duane Gustafson
Samuel Allen Haubold
George T. Hawley
Gordon W. James
Thomas J. Johnson
John Arthur Jossi
Werner A. Mukatis
Claude T. Olson

Roger L. Peterson
Robert C. Petrof
Vernon Reisenleiter
Charles E. Rose
Stanley J. Rudnick
Elmer L. Scheuerman
Charles J. Schwiedergoll
Lindsay A. Skinner
James Wallace Smith
William Joseph Tronsen
Richard Arthur Volz
John William Winings, Jr.
Ronald John Yuill
Ronald J. Zeman

ETA KAPPA NU

John Duane Applegate
Edwin Drake Ballard, Jr.
Henry Louis Bertoni
James Weld Davis
Richard L. Erickson
Esther Irwin Gilman
George T. Hawley

Robert D. Hobmann
Vernon A. Reisenleiter
Charles E. Rose
Neal P. Rowley
Stanley J. Rudnick
Elmer L. Scheuerman
Richard Arthur Volz

PI TAU SIGMA

Jay William Feldmann
Robert Duane Gustafson
Jay Edward Kennedy
Richard Kent Hedlund
Suzanne Donna Motis
Claude Thomas Olson

Robert Charles Petrof
Charles John Schwiedergoll
James W. Smith
Jörg Voss
John William Winings, Jr.
Ronald John Yuill

ONE HUNDRED AND SECOND COMMENCEMENT

*Additional Prizes and Honors announced too late for publication
in this program in the usual order of listing by schools.*

THE COLLEGE OF LIBERAL ARTS

PHI BETA KAPPA PRIZE: Sandra Janet Mahler

DEPARTMENTAL HONORS

ART

David Cranston Stuntzer

MATHEMATICS

Roy Rene Douglas

BIOLOGICAL SCIENCES

Gloria Ann Cassens
Eugene Mark Cooper
Shayna Janet Goldberg
Donald Robert Kaplan

MUSIC

Johanna Bliss Karsten

CHEMISTRY

Stephen Albert Bard
Thomas Edwin Feare
Melvyn Joel Feinberg
Robert Elmer Gold
Sandra Janet Mahler
Vicki Rosemary Meyers
Daveda Joyce Tenenbaum

PHILOSOPHY

Charles Stepkin

ECONOMICS

Paul Philip Bestock
Timothy George Dalton
Ronald Michael Kirshbaum
James Ellison Maser
Suzanne Ella Pristow
John Stephen Thornborrow

POLITICAL SCIENCE

Robert Jay Bloom
John Francis Daley
Catherine Smith Froman
Jack Guthman
John Frederick Lemker
John William Magnuson
William Herman Oswald
Paul Zane Sakol
Carol Sue Snyder
Janice Lorna Soffen
Philip David Stewart

ENGLISH

Mary Ann Freel
John Herbert Growdon
Edgar Shiley Harvey
Donald Wayne Hauger
James Lewis Hill
Carl Raymond Neidert
Mark Richard Smith
John Hagood Swanson

PSYCHOLOGY

Gilaine Andrea Budzien
Jane Chesley
Walter Fossum Davidson
Joseph Peter Delaney
Patricia Carpenter Frank
Judith Mae Hidding
Leona Breit Kraus
Donald Charles Nagel
Doris Gail Rosenfeldt
Joel Sachs
Jacqueline Strunk

GERMAN LANGUAGE AND LITERATURE

Martha Jeannine Mohl

HISTORY

Vera Louise Kitzelman
Elaine Barbara Phillips
Angeline Polites
Henry Bernard Reiling
Ralph Lincoln Richardson
Steven Howard Star

ROMANCE LANGUAGES

French
Constance Leonore Cryer

NORTHWESTERN UNIVERSITY

BACHELOR OF ARTS

Degrees Awarded With Highest Distinction

Walter Fossum Davidson
Adele Forrest
Patricia Carpenter Frank
Frederic Alan Harris

Donald Robert Kaplan
Sandra Janet Mahler
Martha Jeannine Mohl
David Isaac Rubin

Degrees Awarded With Distinction

Sue Anne Baldus
Eleanor Anne Bruce
Susan Merle Chudacoff
Catherine Smith Froman
Donald Wayne Hauger
Myrna Resnik Helfand
Johanna Bliss Karsten

Leona Breit Kraus
William Herman Oswald
Nancy Janice Persons
Steven Howard Star
Charles Stepkin
Jacqueline Dene Strunk

Evening Division

BACHELOR OF PHILOSOPHY

Degrees Awarded With Distinction

Rosemary Brunst

William Holzberger

THE SCHOOL OF MUSIC

BACHELOR OF MUSIC

Degree Awarded With Highest Distinction

Ralph James Votapek

Degrees Awarded With Distinction

Alice Ann Schoeller
Sandra Louise Sizer

Carol Kuhlber Wright

BACHELOR OF MUSIC EDUCATION

Degree Awarded With Highest Distinction

Cecil Barley Wilson

THE SCHOOL OF BUSINESS

MASTER OF BUSINESS ADMINISTRATION

Degrees Awarded With Distinction

Rudolf Carl
Roger Thomas Cole
James Joseph Frodin
Frank Ernest Johnson
Thomas William Hoya

Carl Guinn Koch
Howard Holt Kuiper
William Thompson McConnell
Bertil Donald Nordin
Thomas Craig Richey

ONE HUNDRED AND SECOND COMMENCEMENT

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Degree Awarded With Highest Distinction

George Thrane Van Valkenburgh

Degrees Awarded With Distinction

Paul Alan Brown

Kenneth Walter Kozak

Paul Frederick Jessup

DELTA SIGMA PI KEY: George Thrane Van Valkenburgh

Evening Division

ALPHA KAPPA PSI MEDALLION: Wilbur Richard Daw

COMMERCE CLUB DEGREE AWARD: Jon Marshall Waters, Ethel Lillian Bicknese

DELTA SIGMA PI PRIZE: Horst Herbert Seipmann

PHI CHI THETA PRIZE: Geraldine Ruth Liss

PHI GAMMA NU PRIZE: Lillian Shapiro

PHI SIGMA PHI AWARD: Marvin Eugene Finn, Robert Louis Hintz

PSI GAMMA RHO (ABNER WOLPERT) PRIZE: Bernard Winsauer

JOSEPH SCHAFFNER DEGREE PRIZE: Donald Joseph Rigg

JOSEPH SCHAFFNER DIPLOMA PRIZE: Lillian Shapiro

H. G. WRIGHT COMMERCE CLUB SCHOLARSHIP AWARD: Louis Joseph Talaga

CONTROLLER'S INSTITUTE AWARD: Donald Joseph Rigg, John Edward Rhinehart

DELTA MU DELTA MERIT AWARD: Frances Sauer, Helen Davis Snow

DELTA MU DELTA

Sigrid Thomsen Barges

Ethel Lillian Bicknese

Herbert Samuel Bistriz

Marvin Eugene Finn

Robert Louis Hintz

Stanley Byron Langrand

Henry J. Leser

Geraldine Ruth Liss

Richard Irvin Polanek

Peter Paul Povilus

John Edward Rhinehart

Donald Joseph Rigg

Lillian Shapiro

Horst Herbert Seipmann

LaVern Gale Shillington

Harold John Skretny

Gerald Eugene Torrison

Charles Wiegold

Raymond William Wirsing

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Degrees Awarded With Distinction

Marvin Eugene Finn

Robert Louis Hintz

Henry J. Leser

Geraldine Ruth Liss

Richard Irvin Polanek

John Edward Rhinehart

Donald Joseph Rigg

Gerald Eugene Torrison

Charles Wiegold

DIPLOMA IN BUSINESS

Awarded With Distinction

Peter Paul Povilus

Lillian Shapiro

Horst Herbert Seipmann

NORTHWESTERN UNIVERSITY

THE SCHOOL OF SPEECH

BACHELOR OF SCIENCE IN SPEECH

Degrees Awarded With Highest Distinction

Sheila Sered Gideon

Dennis Bruce Parichy

Eldon Wayne Lanning

Degrees Awarded With Distinction

Eileen Warsaski Berkson

George Arthur Platz

Laura Monarch

Carol Hughes Rasmussen

THE SCHOOL OF EDUCATION

BACHELOR OF SCIENCE IN EDUCATION

Degrees Awarded With Highest Distinction

Beverly Elaine Fischmann

Marilyn Gail Scadron

Cynthia Ann McHenry

Suzanne Wood Van Dusen

Carolyn Gromer Plath

Degrees Awarded With Distinction

Judith Ann Buntain

Alice Blackwell Lane

Arlene Roberta Holmes

John Leo Mullen

Ralph Lee Kiernan

Honors In Education

Alice Charlotte Urquart

THE MEDILL SCHOOL OF JOURNALISM

MASTER OF SCIENCE IN JOURNALISM

Degrees Awarded With Distinction

Robert V. McKnight

Boris Weintraub

BACHELOR OF SCIENCE IN JOURNALISM

Degrees Awarded With Distinction

Michael Barkun

Valerie Weeks

Mack Stahl

THE TECHNOLOGICAL INSTITUTE

Degrees Awarded With Highest Distinction

James Weld Davis

Richard Arthur Volz

Stanley John Rudnick, Jr.

Ronald J. Zeman

Elmer Lee Scheuerman

Degrees Awarded With Distinction

Henry Louis Bertoni

Robert Charles Petrof

Robert Duane Gustafson

Charles John Schwiedergoll

John Arthur Jossi

Lindsay Arthur Skinner

Werner A. Mukatis

Robert Kurt Wallor

Roger L. Peterson

John William Winings, Jr.

THE COMMISSIONS

COMMISSIONS AS ENSIGN IN THE LINE, U.S. NAVY

Larry Dean Allen
Stephen Albert Bard
William Francis Bearden
Peter Bruce Blackford
Robert Bruce Bliss, II
James Milton Brown
John Wilson Cary
Samuel Allen Haubold

Harold Gilman Kaeser
Robert Stephen Matthews
Gerald Dean Olson
Selwyn Sid Paskowitz
Vernon Albert Reisenleiter, Jr.
David Owen Rickson
Roy Stevens Swanner

COMMISSIONS AS ENSIGN IN THE LINE, U.S. NAVAL RESERVE

David John Conville
Edward Harman Piepmeier
William Robert Porter, Jr.

Robert Allan Ravitz
Brooks Fate Smith, Jr.
Joseph Edward Woodson, Jr.

COMMISSION AS ENSIGN (CIVIL ENGINEERING CORPS), U. S. NAVAL RESERVE

Jay Edward Kennedy

COMMISSIONS AS ENSIGN IN THE SUPPLY CORPS, U.S. NAVY

Robert Lee Crawford
James Elton Eckelberger
Neil Keith Emge

Richard Charles Raish
Andrew Dennis Smith
Philip Wayne Stichter

COMMISSION AS ENSIGN IN THE SUPPLY CORPS, U.S. NAVAL RESERVE

John Douglas Sorensen

COMMISSIONS AS SECOND LIEUTENANT IN THE U.S. MARINE CORPS

Lawrence Joseph Boller
George Thomas Hawley

Robert James Kew
Richard Maurice Stacy

COMMISSIONS AS SECOND LIEUTENANT IN THE U.S. MARINE CORPS RESERVE

Laurence Elmer Oliphant, III

Robert Douglas Robinson

THE CAP AND GOWN

The cap and gown are worn by each participant in the Commencement exercises. The cap is worn throughout the ceremonies, except during the national anthem and the invocation. The tassel colors, which indicate the different schools and departments, are as follows:

Graduate	<i>Black</i>	Speech	<i>Silver Gray</i>
Liberal Arts	<i>White</i>	Education	<i>Light Blue</i>
Medicine	<i>Green</i>	Journalism	<i>Crimson</i>
Law	<i>Purple</i>	Technological Institute	<i>Orange</i>
Dentistry	<i>Lilac</i>	Traffic Institute	<i>Drab and White</i>
Music	<i>Pink</i>	Evanston Hospital, Passa-	
Business	<i>Drab</i>	vant Hospital, Chicago	
		Wesley Hospital	<i>Apricot</i>



THE UNIVERSITY HYMN

Hail to Alma Mater!
We will sing thy praise forever;
All thy sons and daughters
Pledge thee victory and honor.
Alma Mater, praise be thine,
May thy name forever shine!
Hail to Purple! Hail to White!
Hail to thee, Northwestern!

